

# Sin3B Polyclonal Antibody

Cat No: HR1AP3969

For research use only

## Overview

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| Product Name          | Sin3B Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Source                | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applications          | WB,IF,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Species Reactivity    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Recommended Dilutions |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Species               | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Storage               | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clonality             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Observed band         | 130kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| GeneID?Human?         | SIN3B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Human Swiss-Prot No.  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cellular localization |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Alternative Names     | SIN3B; KIAA0700; Paired amphipathic helix protein Sin3b; Histone deacetylase complex subunit Sin3b; Transcriptional corepressor Sin3b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Background            | function:Acts as a transcriptional repressor. Interacts with MXI1 to repress MYC responsive genes and antagonize MYC oncogenic activities. Interacts with MAD-MAX heterodimers by binding to MAD. The heterodimer then represses transcription by tethering SIN3B to DNA. Also forms a complex with FOXK1 which represses transcription.,similarity:Contains 3 PAH (paired amphipathic helix) repeats.,subunit:Interacts with FOXK1/MNF, MXI, MAD, NCOR1 and SAP30. Interaction with SDS3 enhances the interaction with HDAC1 to form a complex. Interacts with MAD3, MAD4, MAEL, REST and SETDB1 (By similarity). Interacts with HCFC1., |