

# GCN2 (phospho Thr899) Polyclonal Antibody

Cat No: HR1AP7381

For research use only

## Overview

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| Product Name          | GCN2 (phospho Thr899) Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Source                | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applications          | IHC-p,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Species Reactivity    | Human,Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Recommended Dilutions |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Species               | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Storage               | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Clonality             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Observed band         | kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| GeneID?Human?         | EIF2AK4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Human Swiss-Prot No.  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Cellular localization |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Alternative Names     | EIF2AK4; GCN2; KIAA1338; Eukaryotic translation initiation factor 2-alpha kinase 4; GCN2-like protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Background            | eukaryotic translation initiation factor 2 alpha kinase 4(EIF2AK4) Homo sapiens This gene encodes a member of a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2), resulting in the downregulation of protein synthesis. The encoded protein responds to amino acid deprivation by binding uncharged transfer RNAs. It may also be activated by glucose deprivation and viral infection. Mutations in this gene have been found in individuals suffering from autosomal recessive pulmonary venoocclusive-disease-2. [provided by RefSeq, Mar 2014], |