



## SPAK Polyclonal Antibody

Cat No: HR1AP6671

For research use only

### Overview

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Product Name          | SPAK Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Source                | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applications          | WB,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species Reactivity    | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Recommended Dilutions |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Species               | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Storage               | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Isotype               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Clonality             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Concentration         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Observed band         | 60kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| GeneID?Human?         | STK39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Human Swiss-Prot No.  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cellular localization |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Alternative Names     | STK39; SPAK; STE20/SPS1-related proline-alanine-rich protein kinase; Ste-20-related kinase; DCHT; Serine/threonine-protein kinase 39                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Background            | <p>serine/threonine kinase 39(STK39) Homo sapiens This gene encodes a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress. [provided by RefSeq, Jul 2008],</p> |