



# SIPA1 rabbit pAb

|                                    |                                                                                                                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-17270                                                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                              |
| <b>Reactivity</b>                  | Human, Mouse                                                                                                                                                                                                                                     |
| <b>Applications</b>                | IHC, WB                                                                                                                                                                                                                                          |
| <b>Gene Name</b>                   | SIPA1 SPA1                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                   | Synthesized peptide derived from human N-terminal SIPA1                                                                                                                                                                                          |
| <b>Specificity</b>                 | This antibody detects endogenous levels of SIPA1 at Human, Mouse                                                                                                                                                                                 |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                   |
| <b>Source</b>                      | Rabbit, polyclonal                                                                                                                                                                                                                               |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                        |
| <b>Dilution</b>                    | WB 1:500-2000 IHC 1:50-200                                                                                                                                                                                                                       |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                          |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                             |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                     |
| <b>Synonyms</b>                    | GTPase-activating protein Spa-1; p130 SPA 1; p130 SPA-1; Signal-induced proliferation-associated protein 1; Sipa 1; SIPA1; SIPA1 SPA1; Signal-induced proliferation-associated protein 1 (Sipa-1) (GTPase-activating protein Spa-1) (p130 SPA-1) |
| <b>Observed Band</b>               | 130 kDa                                                                                                                                                                                                                                          |
| <b>Calculated Molecular Weight</b> | 1042 aa, 112 kDa                                                                                                                                                                                                                                 |
| <b>Cell Pathway</b>                | Nucleus . Cytoplasm, perinuclear region . Endomembrane system; Peripheral membrane protein . Mostly localized in the perinuclear membraneous region. .                                                                                           |
| <b>Tissue Specificity</b>          | Expressed in fetal as well as in adult tissues. Expressed abundantly in the lymphoid tissues such as thymus, spleen and peripheral blood lymphocytes and also shows a significant expression in the spinal cord.                                 |
| <b>Function</b>                    | GTPase activator for the nuclear Ras-related regulatory proteins Rap1 and Rap2 in vitro, converting them to the putatively inactive GDP-bound state . Affects cell cycle progression (By similarity).                                            |
| <b>Background</b>                  |                                                                                                                                                                                                                                                  |

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images