



# TRIP6 Monoclonal Antibody

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|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | YP-mAb-07309                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>          | TRIP6 OIP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Name</b>       | Thyroid receptor-interacting protein 6 (TR-interacting protein 6) (TRIP-6) (Opa-interacting protein 1) (OIP-1) (Zyxin-related protein 1) (ZRP-1)                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>          | Synthesized peptide derived from human protein . at AA range: 221-270                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Specificity</b>        | TRIP6 Monoclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>             | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purification</b>       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Dilution</b>           | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Observed Band</b>      | 52kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Cell Pathway</b>       | Cytoplasm, cytoskeleton . Cell junction, focal adhesion . Nucleus . Cytoplasm . Shuttles between nucleus and cytoplasm (PubMed:16624523). Colocalizes with actin (PubMed:10826496). .                                                                                                                                                                                                                                                                                                                             |
| <b>Tissue Specificity</b> | Abundantly expressed in kidney, liver and lung. Lower levels in heart, placenta and pancreas. Expressed in colonic epithelial cells. Up-regulated in colonic tumors.                                                                                                                                                                                                                                                                                                                                              |
| <b>Function</b>           | function:May relays signals from the cell surface to the nucleus.,similarity:Belongs to the zyxin/ajuba family.,similarity:Contains 1 LIM zinc-binding domain.,similarity:Contains 3 LIM zinc-binding domains.,subunit:Specifically interacts with the ligand binding domain of the thyroid receptor (TR). Requires the presence of thyroid hormone for its interaction. Interacts with PTPN13.,tissue specificity:Abundantly expressed in kidney, liver and lung. Lower levels in heart, placenta and pancreas., |
| <b>Background</b>         | This gene is a member of the zyxin family and encodes a protein with three LIM zinc-binding domains. This protein localizes to focal adhesion sites and along actin stress fibers. Recruitment of this protein to the plasma membrane occurs in a lysophosphatidic acid (LPA)-dependent manner and it regulates LPA-induced cell migration. Alternatively spliced variants which encode different protein                                                                                                         |



isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008],

**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**