



# TRIP6 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-23505                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Name          | TRIP6 OIP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Protein Name       | Thyroid receptor-interacting protein 6 (TR-interacting protein 6) (TRIP-6) (Opa-interacting protein 1) (OIP-1) (Zyxin-related protein 1) (ZRP-1)                                                                                                                                                                                                                                                                                                                                                                  |
| Immunogen          | Synthesized peptide derived from human protein . at AA range: 221-270                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity        | TRIP6 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Formulation        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                             |
| Dilution           | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Synonyms           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Observed Band      | 52kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Cell Pathway       | Cytoplasm, cytoskeleton . Cell junction, focal adhesion . Nucleus . Cytoplasm . Shuttles between nucleus and cytoplasm (PubMed:16624523). Colocalizes with actin (PubMed:10826496). .                                                                                                                                                                                                                                                                                                                             |
| Tissue Specificity | Abundantly expressed in kidney, liver and lung. Lower levels in heart, placenta and pancreas. Expressed in colonic epithelial cells. Up-regulated in colonic tumors.                                                                                                                                                                                                                                                                                                                                              |
| Function           | 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., |

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**Background**

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**