TRIP6 Polyclonal Antibody

Catalog No	YP-Ab-07309
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	TRIP6 OIP1
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	OIP1;OIP-1;Opa-interacting protein 1;Thyroid receptor-interacting protein 6;TR-interacting protein 6;TRIP6;TRIP6 OIP1;Thyroid receptor-interacting protein 6 (TR-interacting protein 6) (TRIP-6) (Opa-interacting protein 1) (OIP-1) (Zyxin-related protein 1) (ZRP-1)
Observed Band	50-55 kDa
Calculated Molecular Weight	476 aa, 50 kDa
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.,
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.

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