



# TRAK1 Polyclonal Antibody

<b>Catalog No</b>	BYab-06285
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	TRAK1 KIAA1042 OIP106
<b>Protein Name</b>	Trafficking kinesin-binding protein 1 (106 kDa O-GlcNAc transferase-interacting protein)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	TRAK1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<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>	104kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus . Mitochondrion . Early endosome . Endosome . Mitochondrion membrane . Cytoplasm, cell cortex . Predominantly associated with early endosome. The localization to early endosomes depends on its interaction with HGS/HRS (PubMed:18675823). Colocalizes with MGARP at the mitochondria (PubMed:19528298) .
<b>Tissue Specificity</b>	High expression in spinal cord and moderate expression in all other tissues and specific brain regions examined. Expressed in all cell lines examined.
<b>Function</b>	PTM:O-glycosylated.,similarity:Contains 1 HAP1 N-terminal domain.,subunit:Interacts with O-GlcNAc transferase. Interacts with RHOT1/Miro-1 and RHOT2/Miro-2.,tissue specificity:High expression in spinal cord and moderate expression in all other tissues and specific brain regions examined. Expressed in all cell lines examined.,
<b>Background</b>	PTM:O-glycosylated.,similarity:Contains 1 HAP1 N-terminal domain.,subunit:Interacts with O-GlcNAc transferase. Interacts with RHOT1/Miro-1 and RHOT2/Miro-2.,tissue specificity:High expression in spinal

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**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**