TRAK1 Polyclonal Antibody

Catalog No	YP-Ab-06285
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TRAK1 KIAA1042 OIP106
Protein Name	Trafficking kinesin-binding protein 1 (106 kDa O-GlcNAc transferase-interacting protein)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TRAK1 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	104kD
Cell Pathway	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). .
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.
Function	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.,
Background	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.,

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