

## GRIF-1 Polyclonal Antibody

<b>Catalog No :</b>	YT2058
<b>Reactivity :</b>	Human;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	GRIF-1
<b>Fields :</b>	>>GABAergic synapse
<b>Gene Name :</b>	TRAK2
<b>Protein Name :</b>	Trafficking kinesin-binding protein 2
<b>Human Gene Id :</b>	66008
<b>Human Swiss Prot No :</b>	O60296
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human TRAK2. AA range:430-480
<b>Specificity :</b>	GRIF-1 Polyclonal Antibody detects endogenous levels of GRIF-1 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	101kD

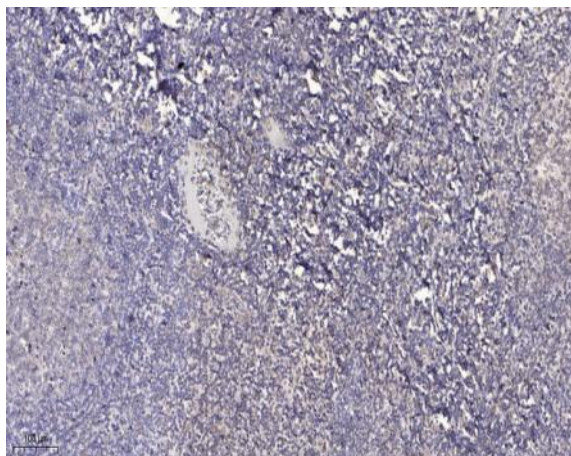
**Background :** PTM:O-glycosylated.,similarity:Contains 1 HAP1 N-terminal domain.,subunit:Interacts with GABA-A receptor and O-GlcNAc transferase (By similarity). Interacts with RHOT1/Miro-1 and RHOT2/Miro-2.,tissue specificity:Widely expressed, with highest expression in heart.,

**Function :** PTM:O-glycosylated.,similarity:Contains 1 HAP1 N-terminal domain.,subunit:Interacts with GABA-A receptor and O-GlcNAc transferase (By similarity). Interacts with RHOT1/Miro-1 and RHOT2/Miro-2.,tissue specificity:Widely expressed, with highest expression in heart.,

**Subcellular Location :** Cytoplasm . Early endosome . Mitochondrion . Colocalizes with MGARP at the mitochondria. Translocates from the cytoplasm to the mitochondria in a MGARP-dependent manner (By similarity). .

**Expression :** Widely expressed, with highest expression in heart.

## Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).