

## TIMAP Polyclonal Antibody

<b>Catalog No :</b>	YT4657
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC
<b>Target :</b>	TIMAP
<b>Gene Name :</b>	PPP1R16B
<b>Protein Name :</b>	Protein phosphatase 1 regulatory inhibitor subunit 16B
<b>Human Gene Id :</b>	26051
<b>Human Swiss Prot No :</b>	Q96T49
<b>Mouse Gene Id :</b>	228852
<b>Mouse Swiss Prot No :</b>	Q8VHQ3
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human PPP1R16B. AA range:364-413
<b>Specificity :</b>	TIMAP Polyclonal Antibody detects endogenous levels of TIMAP 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>	WB 1:500-2000;IHC 1:50-300
<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)

**Observed Band :** 64kD

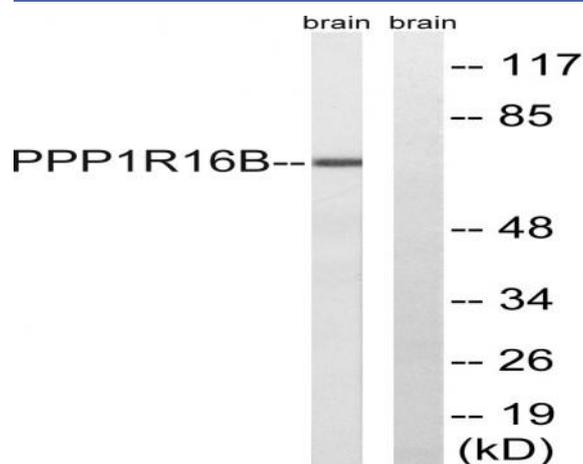
**Background :** The protein encoded by this gene is membrane-associated and contains five ankyrin repeats, a protein phosphatase-1-interacting domain, and a carboxy-terminal CAAX box domain. Synthesis of the encoded protein is inhibited by transforming growth factor beta-1. The protein may bind to the membrane through its CAAX box domain and may act as a signaling molecule through interaction with protein phosphatase-1. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing to generate mature protein. [provided by RefSeq, Sep 2015],

**Function :** function:May be a downstream target for TGF-beta1 signaling cascade in endothelial cells.,induction:Inhibited by TGF-beta1.,similarity:Contains 5 ANK repeats.,subunit:Binds PP1.,tissue specificity:Highly expressed in vascular endothelium, CNS, lung, spleen, kidney and testis.,

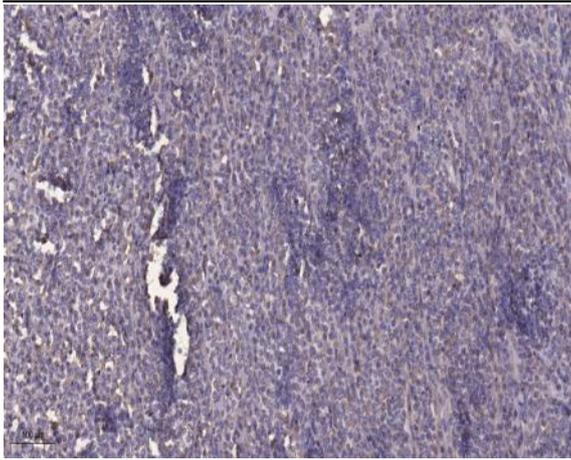
**Subcellular Location :** Cell membrane . Cell membrane ; Lipid-anchor . Nucleus . Cell projection . Colocalizes with RPSA/LAMR1 in the cell membrane (PubMed:16263087). Localizes to the perinuclear region (By similarity). Colocalizes with PTEN at the tip of EC projections (PubMed:25007873). .

**Expression :** Brain,

## Products Images



Western blot analysis of lysates from mouse brain, using PPP1R16B Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 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, 45min).