



TIMAP rabbit pAb

Cat No.:ES5462

For research use only

Overview

Product Name	TIMAP rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	The antiserum was produced against synthesized peptide derived from human PPP1R16B. AA range:364-413
Specificity	TIMAP Polyclonal Antibody detects endogenous levels of TIMAP protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protein phosphatase 1 regulatory inhibitor subunit 16B
Gene Name	PPP1R16B
Cellular localization	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:
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	64kD
Human Gene ID	26051
Human Swiss-Prot Number	Q96T49
Alternative Names	PPP1R16B; ANKRD4; KIAA0823; Protein phosphatase 1 regulatory inhibitor subunit 16B; Ankyrin repeat domain-containing protein 4; CAAX box protein

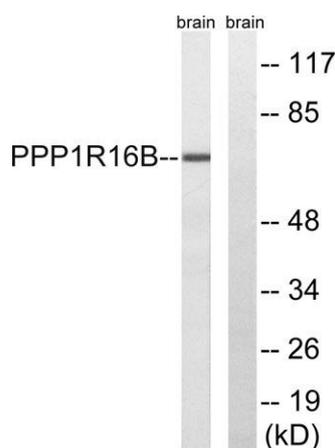




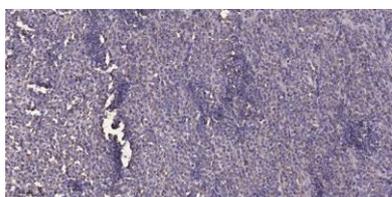
Background

TIMAP; TGF-beta-inhibited membrane-associated protein; hTIMAP

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],



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).

