



TPTE2 Polyclonal Antibody

Catalog No	YP-Ab-05920
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	TPTE2 TPIP
Immunogen	Synthesized peptide derived from human protein . at AA range: 300-380
Specificity	TPTE2 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	Lipid phosphatase TPIP;TPIP;TPTE2;TPTE2 TPIP;Phosphatidylinositol 3;4;5-trisphosphate 3-phosphatase TPTE2 (EC 3.1.3.67) (Lipid phosphatase TPIP) (TPTE and PTEN homologous inositol lipid phosphatase)
Observed Band	38-60 kDa
Calculated Molecular Weight	522 aa, 61 kDa
Cell Pathway	[Isoform 3]: Endoplasmic reticulum membrane ; Multi-pass membrane protein . ; [Isoform 1]: Endoplasmic reticulum membrane ; Multi-pass membrane protein . Golgi apparatus membrane ; Multi-pass membrane protein . ; [Isoform 4]: Cytoplasm .
Tissue Specificity	Isoform 3 is expressed in testis, brain and stomach while isoform 4 seems to be testis-specific.
Function	catalytic activity:Phosphatidylinositol 3,4,5-trisphosphate + H(2)O = phosphatidylinositol 4,5-bisphosphate + phosphate.,caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,similarity:Contains 1 C2 tensin-type domain.,similarity:Contains 1 phosphatase tensin-type domain.,tissue specificity:Isoform 3 is expressed in testis, brain and stomach while isoform 4 seems to be testis-specific.,

**Background**

TIIP is a member of a large class of membrane-associated phosphatases with substrate specificity for the 3-position phosphate of inositol phospholipids.[supplied by OMIM, Jul 2002],

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