



# PTN9 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-06329
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	PTPN9
<b>Protein Name</b>	Tyrosine-protein phosphatase non-receptor type 9 (EC 3.1.3.48) (Protein-tyrosine phosphatase MEG2) (PTPase MEG2)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	PTN9 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	65kD
<b>Cell Pathway</b>	Cytoplasm .
<b>Tissue Specificity</b>	Brain,Pancreas,Placenta,
<b>Function</b>	catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,function:Protein-tyrosine phosphatase that could participate in the transfer of hydrophobic ligands or in functions of the Golgi apparatus.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class 3 subfamily.,similarity:Contains 1 CRAL-TRIO domain.,similarity:Contains 1 tyrosine-protein phosphatase domain.,
<b>Background</b>	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an N-terminal domain that shares a significant similarity with yeast SEC14, which is a protein that has phosphatidylinositol transfer activity and is required for protein secretion through the Golgi complex in yeast. This PTP was found to be activated by polyphosphoinositide, and is thought to be involved in signaling events regulating phagocytosis. [provided by RefSeq, Jul 2008],

**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**