

Anti-TP4A3 antibody



Description	Unconjugated Rabbit polyclonal to TP4A3
Model	STJ192454
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human TP4A3 protein.
Immunogen Region	40-120aa
Gene ID	11156
Gene Symbol	PTP4A3
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	TP4A3 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Mainly expressed in cardiomyocytes and skeletal muscle; also found in pancreas. Consistently overexpressed in colon cancer metastasis.
Purification	TP4A3 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Protein tyrosine phosphatase type IVA 3 PRL-R Protein-tyrosine phosphatase 4a3 Protein-tyrosine phosphatase of regenerating liver 3 PRL-3
Molecular Weight	19 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9636OMIM:606449
Alternative Names	Protein tyrosine phosphatase type IVA 3 PRL-R Protein-tyrosine phosphatase 4a3 Protein-tyrosine phosphatase of regenerating liver 3 PRL-3
Function	Protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. Enhances cell proliferation, cell motility and invasive activity, and promotes cancer metastasis. May be involved in the progression of cardiac hypertrophy by inhibiting intracellular calcium mobilization in response to angiotensin II.
Cellular Localization	Cell membrane Early endosome
Post-translational Modifications	Farnesylated. Farnesylation is required for membrane targeting .