



Anti-PTP4A3 (full length) polyclonal antibody (DPABH-26308)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	PTP4A3 protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. It enhances cell proliferation, cell motility and invasive activity, and promotes cancer metastasis. It may be involved in the progression of cardiac hypertrophy by inhibiting intracellular calcium mobilization in response to angiotensin II. PTP4A3 interacts with tubulin. It belongs to the protein tyrosine phosphatase family. It is mainly expressed in cardiomyocytes and skeletal muscle; also found in pancreas. It is consistently overexpressed in colon cancer metastasis.
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Immunogen	Recombinant full length Human PTP4A3 (NP_116000).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µl
Buffer	Constituent: 99% PBS
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated

freeze / thaw cycles.

GENE INFORMATION

Gene Name	PTP4A3 protein tyrosine phosphatase type IVA, member 3 [Homo sapiens]
Official Symbol	PTP4A3
Synonyms	PTP4A3; protein tyrosine phosphatase type IVA, member 3; protein tyrosine phosphatase type IVA 3; PRL 3; PRL R; PRL3; protein-tyrosine phosphatase 4a3; potentially prenylated protein tyrosine phosphatase; protein-tyrosine phosphatase of regenerating liver 3; PRL-3; PRL-R;
Entrez Gene ID	11156
Protein Refseq	NP_009010
UniProt ID	O75365
Chromosome Location	8q24.3
Pathway	Signaling events mediated by PRL;
Function	hydrolase activity; prenylated protein tyrosine phosphatase activity;