

DNAxPAb

Hard-to-Find
Antibody

PTP4A3 DNAxPab

Catalog # H00011156-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PTP4A3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MARMNRPAPVEVSYPKHMRLITHNPTNATLSTFIEDLKKGATTVVRVCEVTYDKTPLEKDGITVVD WPFDDGAPPPGKVVEDWLSLVKAKFCEAPGSCVAVHCVAGLGRKRRGAINSKQLTYLEKYRPK QRLRFKDPHTHKTRCCVM
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PTP4A3

Entrez GeneID [11156](#)**GeneBank Accession#** [NM_007079.2](#)**Protein Accession#** [NP_009010.2](#)**Gene Name** PTP4A3**Gene Alias** PRL-3, PRL-R, PRL3**Gene Description** protein tyrosine phosphatase type IVA, member 3**Omim ID** [606449](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to a small class of prenylated protein tyrosine phosphatases (PTPs). PTPs are cell signaling molecules that play regulatory roles in a variety of cellular processes. This class of PTPs contain a PTP domain and a characteristic C-terminal prenylation motif. Studies of this class of PTPs in mice demonstrated that they were prenylated proteins in vivo, which suggested their association with cell plasma membrane. Overexpression of this gene in mammalian cells was reported to inhibit angiotensin-II induced cell calcium mobilization and promote cell growth. Two alternatively spliced variants exist. [provided by RefSeq]

Other Designations potentially prenylated protein tyrosine phosphatase