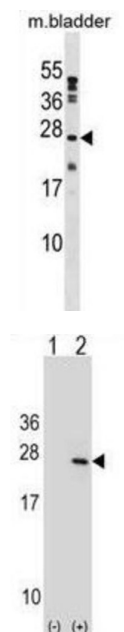


Protein Tyrosine Phosphatase Type IVA 1 (PTP4A1) Antibody

Catalogue No.: abx029156



The protein encoded by this gene belongs to a small class of prenylated protein tyrosine phosphatases (PTPs), which contains a PTP domain and a characteristic C-terminal prenylation motif. PTPs are cell signaling molecules that play regulatory roles in a variety of cellular processes. This tyrosine phosphatase is a nuclear protein, but may primarily associate with plasma membrane. The surface membrane association of this protein depends on its C-terminal prenylation. Overexpression of this gene in mammalian cells conferred a transformed phenotype, which implicated its role in the tumorigenesis. Studies in rat suggested that this gene may be an immediate-early gene in mitogen-stimulated cells. [provided by RefSeq].

Target: Protein Tyrosine Phosphatase Type IVA 1 (PTP4A1)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 140-168 amino acids from the C-terminal region of human PTP4A1.

Isotype: IgG

Datasheet

Version: 3.0.0

Revision date: 13 Sep 2025



Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q93096 (UniProt , ExPASy)
KEGG:	hsa:7803
String:	9606.ENSP00000359685
Molecular Weight:	Calculated MW: 19.8 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Rat and Monkey PTP4A1.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only