

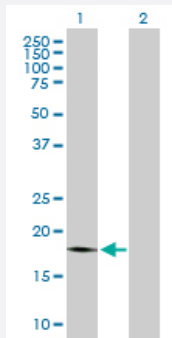
MaxPab®

PTP4A1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007803-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PTP4A1 expression in transfected 293T cell line ([H00007803-T01](#)) by PTP4A1 MaxPab polyclonal antibody.

Lane 1: PTP4A1 transfected lysate(19.03 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PTP4A1 protein.
Immunogen	PTP4A1 (NP_003454.1, 1 a.a. ~ 173 a.a) full-length human protein.
Sequence	MARMNRPAPVEVTYKNMRFLITHNPTNATLNKFIEELKKYGVTIVRVCEATYDTTLVEKEGIHVLD WPFDDGAPPSNQVDDWLSLVKIKFREEPGCCIAVHCVAGLGRAPVLVALALIEGGMKYEDAVQF IRQKRRGAFNSKQLLYLEKYRPMRLRFKDSNGHRNNCCIQ
Host	Mouse
Reactivity	Human
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)

Western Blot analysis of PTP4A1 expression in transfected 293T cell line ([H00007803-T01](#)) by PTP4A1 MaxPab polyclonal antibody.

Lane 1: PTP4A1 transfected lysate(19.03 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PTP4A1

Entrez GeneID [7803](#)

GeneBank Accession# [NM_003463.3](#)

Protein Accession# [NP_003454.1](#)

Gene Name PTP4A1

Gene Alias DKFZp779M0721, HH72, PRL-1, PRL1, PTP(CAAX1), PTPCAAX1

Gene Description protein tyrosine phosphatase type IVA, member 1

Omim ID [601585](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000016675|Protein tyrosine phosphatase IVA1|protein tyrosine phosphatase type IVA protein 1

Disease

- [Genetic Predisposition to Disease](#)

- [Lymphoma](#)

- [Ovarian Neoplasms](#)