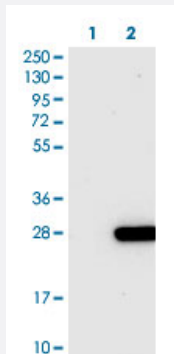


PTP4A1 polyclonal antibody

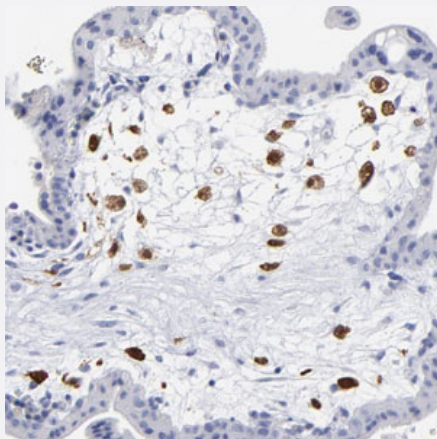
Catalog # PAB30847 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of (1) Negative control (vector only transfected HEK293T lysate), and (2) Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta shows distinct positivity in Hofbauer cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human PTP4A1.
Immunogen	Recombinant protein corresponding to human PTP4A1.
Sequence	HNPTNATLNKFIEELKKYGVTTMRVCEATYDTTLVEKEGIHVLDPFDDGAPPSNQIMDDWLSLVK IKFREEPGCCIAVHCVAGLGRAPVLVALALIEGGMKYEDAVQFIRQKRRGAFNSKQLLYLEKYRPM
Host	Rabbit

Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-500) Western Blot (1:250-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — PTP4A1

Entrez GeneID	7803
GeneBank Accession#	Q93096
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](#)