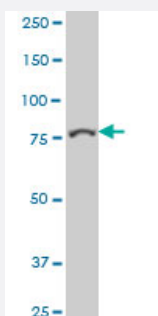


PTPRE polyclonal antibody (A01)

Catalog # H00005791-A01

Size 50 uL

Applications



Western Blot (Cell lysate)

PTPRE polyclonal antibody (A01), Lot # 051017JC01 Western Blot analysis of PTPRE expression in HeLa S3 NE (Cat # L013V3).



Western Blot detection against Immunogen (36.01 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PTPRE.
Immunogen	PTPRE (AAH50062, 511 a.a. ~ 600 a.a) partial recombinant protein with GST tag.
Sequence	WRMIWEWKSHTIVMLTEVQEREQDKCYQYWPTEGSVTHGEITIEIKNDTLSEASIRDFLVTLNQPQ ARQEEQVRVVRQFHFHGWPEIGI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (91)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.01 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

PTPRE polyclonal antibody (A01), Lot # 051017JC01 Western Blot analysis of PTPRE expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PTPRE

Entrez GeneID

[5791](#)

GeneBank Accession#

[BC050062](#)

Protein Accession#

[AAH50062](#)

Gene Name

PTPRE

Gene Alias

DKFZp313F1310, FLJ57799, FLJ58245, HPTPE, PTPE, R-PTP-EPSILON

Gene Description

protein tyrosine phosphatase, receptor type, E

Omim ID

[600926](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. Two alternatively spliced transcript variants of this gene have been reported, one of which encodes a receptor-type PTP that possesses a short extracellular domain, a single transmembrane region, and two tandem intracytoplasmic catalytic domains; Another one encodes a PTP that contains a distinct hydrophilic N-terminus, and thus represents a nonreceptor-type isoform of this PTP. Studies of the similar gene in mice suggested the regulatory roles of this PTP in RAS related signal transduction pathways, cytokines induced SATA signaling, as well as the activation of voltage-gated K⁺ channels. [provided by RefSeq]

Other Designations

OTTHUMP00000020735|OTTHUMP00000020736|protein tyrosine phosphatase epsilon|protein tyrosine phosphatase, receptor type, epsilon polypeptide

Disease

- [Alzheimer Disease](#)
- [Asthma](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Tobacco Use Disorder](#)