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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTPRE polyclonal antibody (A01)

Catalog # : H00005791-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant PTPRE.

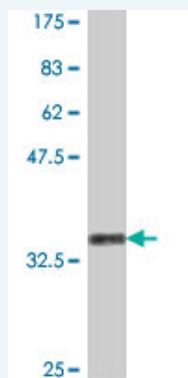
Immunogen: PTPRE (AAH50062, 511 a.a. ~ 600 a.a) partial recombinant protein with GST tag.

Sequence: WRMIWEWKSHTIVMLTEVQEREQDKCYQYWPTEGSVTHGEITIEIKNDLSEAISIRDFLVTLNQPARQEEQVRVVRQFHFHGWPEIGI

Host: Mouse

Reactivity: Human

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.

MSDS: [Download](#)

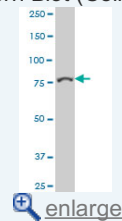
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

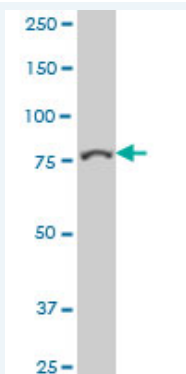
Application Image

Western Blot (Cell lysate)



Western Blot (Recombinant protein)

ELISA



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 Information

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

Related Disease

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

