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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PPP3R1 monoclonal antibody (M01), clone 4E1

Catalog # : H00005534-M01

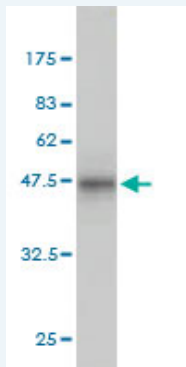
規格 : [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant PPP3R1.
Immunogen:	PPP3R1 (AAH27913, 1 a.a. ~ 170 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGNEASYPLEMCSHFDADEIKRLGKRFKKLDLDNSGSLVVEEFMSLPEL QQNPLVQRVIDIFDTDGNGEVDFKEFIEGVSQFSVKGDKEQKLRFAFRY DMDKDGYSNGELFQVLKMMVGNLKDQLQQVMDKTIINADKDGGRIS FEEFCVVGGGLDIHKMVDV
Host:	Mouse
Reactivity:	Human, Rat
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western blot detection against Immunogen (44.44 KDa).

Storage Buffer: In 1x PBS, pH 7.4

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

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

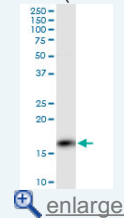
1. [Placenta-specific miRNA \(miR-512-3p\) targets PPP3R1 encoding the calcineurin B regulatory subunit in BeWo cells.](#)
Kurashina R, Kikuchi K, Iwaki J, Yoshitake H, Takeshita T, Takizawa TJ Obstet Gynaecol Res. 2014 Mar;40(3):650-60. doi: 10.1111/jog.12217. Epub 2013 Nov 18.

Applications

Western Blot (Tissue lysate)

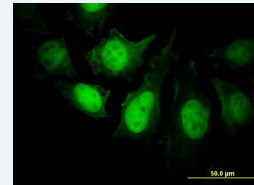
Application Image

Western Blot (Tissue lysate)

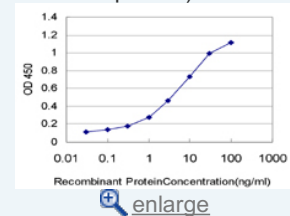


Western Blot (Recombinant protein)

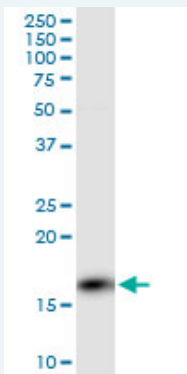
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA



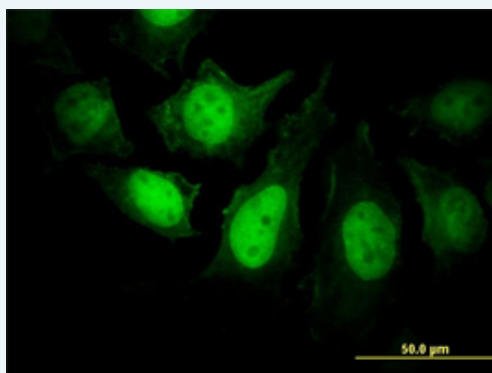
PPP3R1 monoclonal antibody (M01), clone 4E1. Western Blot analysis of PPP3R1 expression in rat brain.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence

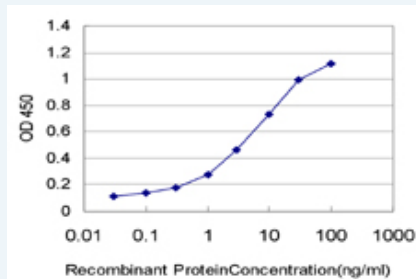


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to PPP3R1 on HeLa cell. [antibody concentration 25 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged PPP3R1 is approximately 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5534](#)

GeneBank [BC027913](#)

Accession#:

Protein [AAH27913](#)

Accession#:

Gene Name: PPP3R1

Gene Alias: CALNB1,CNB,CNB1

Gene Description: protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform

Omim ID: [601302](#)

Gene Ontology: [Hyperlink](#)

Other Designations: calcineurin B, type I (19kDa),protein phosphatase 3 (formerly 2B), regulatory subunit B (19kD), alpha isoform (calcineurin B, type I),protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I),protein phosphata

Gene Pathway

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