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Datasheet for ABIN562357
anti-PPP3R1 antibody (AA 1-170)

4 Images

1 Publication

Overview

Quantity:	100 µg
Target:	PPP3R1
Binding Specificity:	AA 1-170
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPP3R1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	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:	MGNEASYPLE MCSHFDADEI KRLGKRFKKL DLDSGSLSV EEFMSLPQLQ QNPLVQRVID IFDTDGNGEV DFKEFIEGVS QFSVKGDKEQ KLRFAFRIYD MDKDGYSNG ELFQVLKMMV GNLKDTRLQ QIVDKTIINA DKDGDGRISF EEFCVVGGGL DIHKKMVVDV
Clone:	4E1
Isotype:	IgG1
Cross-Reactivity:	Human, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PPP3R1
Alternative Name:	PPP3R1 (PPP3R1 Products)
Background:	Full Gene Name: protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform Synonyms: CALNB1,CNB,CNB1
Gene ID:	5534
Pathways:	RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , Protein targeting to Nucleus , VEGF Signaling , BCR Signaling

Application Details

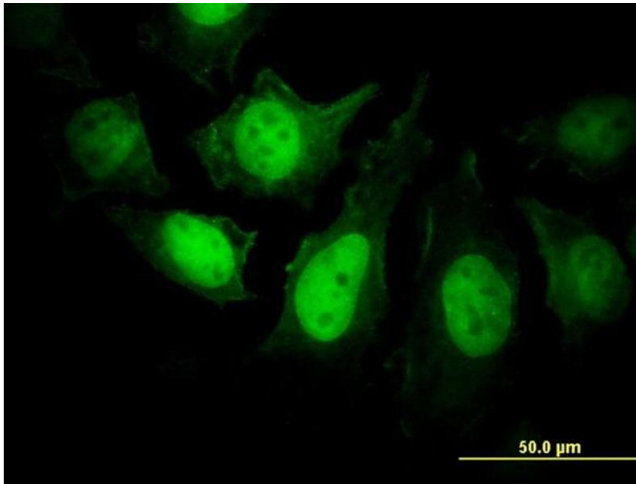
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

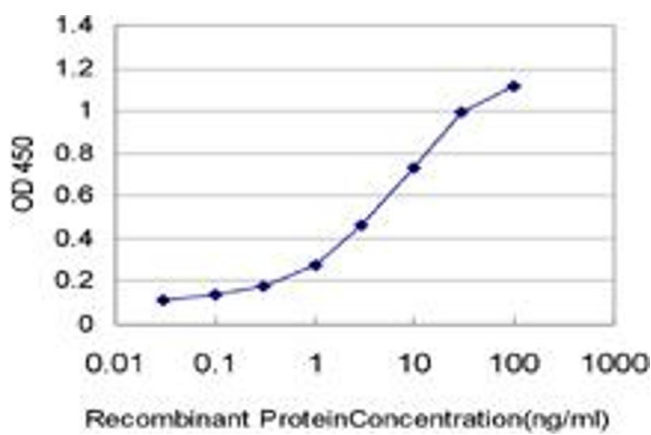
Publications

Product cited in:	Kurashina, Kikuchi, Iwaki, Yoshitake, Takeshita, Takizawa: "Placenta-specific miRNA (miR-512-3p) targets PPP3R1 encoding the calcineurin B regulatory subunit in BeWo cells." in: The journal of obstetrics and gynaecology research , Vol. 40, Issue 3, pp. 650-60, (2014) (PubMed).
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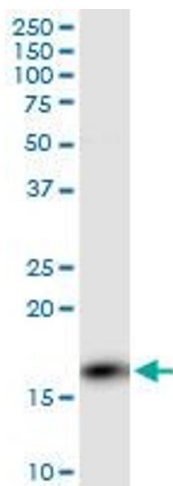
Immunofluorescence

Image 1. Immunofluorescence of monoclonal antibody to PPP3R1 on HeLa cell. [antibody concentration 25 ug/ml]



ELISA

Image 2. Detection limit for recombinant GST tagged PPP3R1 is approximately 0.1ng/ml as a capture antibody.



Western Blotting

Image 3. PPP3R1 monoclonal antibody (M01), clone 4E1. Western Blot analysis of PPP3R1 expression in rat brain.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN562357.