

Product Datasheet

Calcineurin B Antibody (4E1) - Azide and BSA Free H00005534-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00005534-M01

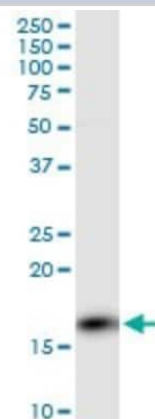
Calcineurin B Antibody (4E1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E1
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5534
Gene Symbol	PPP3R1
Species	Human, Rat
Specificity/Sensitivity	PPP3R1 - protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
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. MGNEASYPLEMCSHFDADEIKRLGKRFFKKLDLDNSGSLSVEEFMSLPQLQQNP LVQRVIDIFDTGNGEVDFKEFIEGVSVQFSVKGDKEQKLRFQAFRIYDMDKDGYS NGELFQVLKMMVGNNLKDTQLQQIVDKTIINADKGDGRISFEFECAVVGGLDI HKKMVVDV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for IF and ELISA.

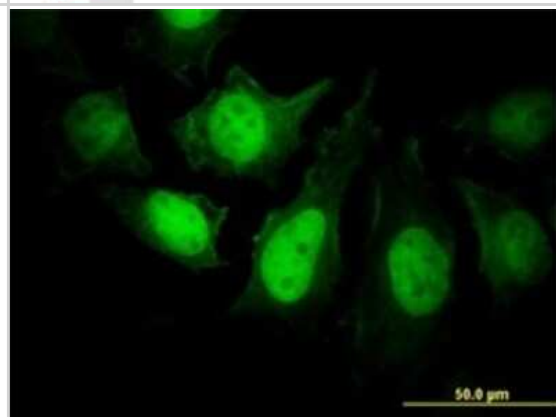


Images

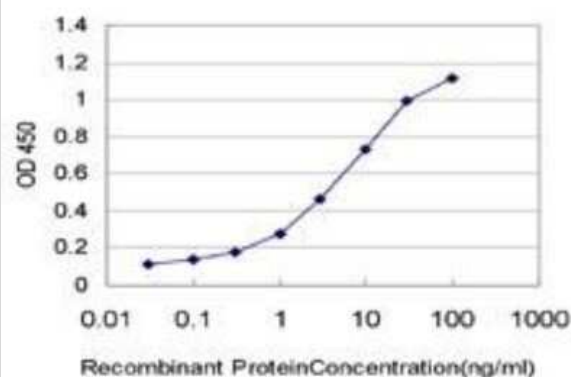
Western Blot: Calcineurin B Antibody (4E1) [H00005534-M01] - PPP3R1 monoclonal antibody (M01), clone 4E1. Analysis of PPP3R1 expression in rat brain.



Immunocytochemistry/Immunofluorescence: Calcineurin B Antibody (4E1) [H00005534-M01] - Analysis of monoclonal antibody to PPP3R1 on HeLa cell. Antibody concentration 25 ug/ml.



ELISA: Calcineurin B Antibody (4E1) [H00005534-M01] - Calcineurin B Antibody (4E1) [H00005534-M01] - Detection limit for recombinant GST tagged PPP3R1 is approximately 0.1ng/ml as a capture antibody.



Publications

Kurashina R, Kikuchi K, Iwaki J et al. Placenta-specific miRNA (miR-512-3p) targets PPP3R1 encoding the calcineurin B regulatory subunit in BeWo cells. J Obstet Gynaecol Res. 2014-03-01 [PMID: 24246042] (Human)



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Products Related to H00005534-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-78797-100ug	Recombinant Human Calcineurin B His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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