

Product Datasheet

CACNA2D2 Antibody (4E3) - Azide and BSA Free H00009254-M12

Unit Size: 50 ug

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

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Publications: 2

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H00009254-M12

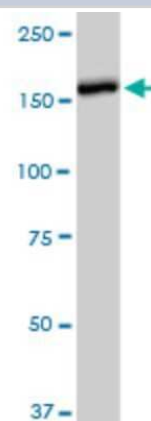
CACNA2D2 Antibody (4E3) - Azide and BSA Free

Product Information	
Unit Size	50 ug
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	4E3
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse CACNA2D2 Antibody (4E3) - Azide and BSA Free (H00009254-M12) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-CACNA2D2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9254
Gene Symbol	CACNA2D2
Species	Human
Specificity/Sensitivity	Reacts with calcium channel, voltage-dependent, alpha 2/delta subunit 2.
Immunogen	CACNA2D2 (NP_006021, 65 a.a. ~ 162 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PQQHTMQHWARRLEQEVDGVMRIFGGVQQLREIYKDNRNLFQVQENEPQKLV EKVAGDIESLLDRKVQALKRLADAAENFQKAHRWQDNIKEEDIVYY
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	This antibody is reactive against cell lysate in western blot and recombinant protein in ELISA.

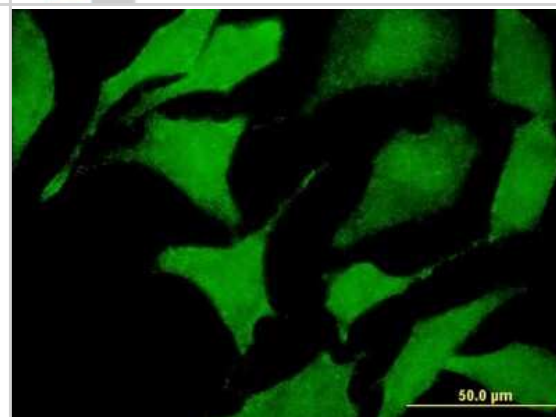


Images

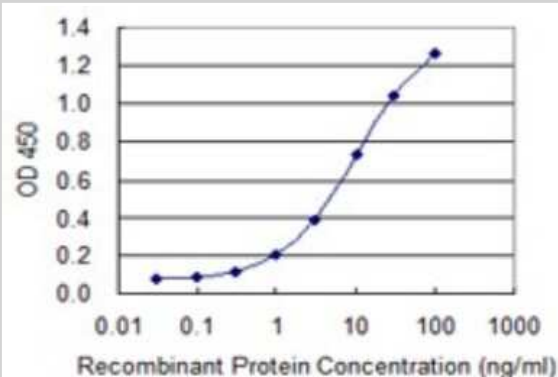
Western Blot: CACNA2D2 Antibody (4E3) [H00009254-M12] - Analysis of CACNA2D2 expression in HeLa(Cat # L013V1).



Immunocytochemistry/Immunofluorescence: CACNA2D2 Antibody (4E3) [H00009254-M12] - Analysis of monoclonal antibody to CACNA2D2 on HeLa cell. Antibody concentration 10 ug/ml



Sandwich ELISA: CACNA2D2 Antibody (4E3) [H00009254-M12] - Detection limit for recombinant GST tagged CACNA2D2 is 0.1 ng/ml as a capture antibody.



Publications

Warnier M, Roudbaraki M, Derouiche S et al. CACNA2D2 promotes tumorigenesis by stimulating cell proliferation and angiogenesis. *Oncogene* 2015-10-16 [PMID: 25619833]

Pippucci T, Parmeggiani A, Palombo F et al. A Novel Null Homozygous Mutation Confirms CACNA2D2 as a Gene Mutated in Epileptic Encephalopathy. *PLoS One*. 2013-12-16 [PMID: 24358150]



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Products Related to H00009254-M12

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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