

Product Datasheet

Nav1.6 Antibody (4G7) - Azide and BSA Free H00006334-M04

Unit Size: 0.1 mg

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

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H00006334-M04

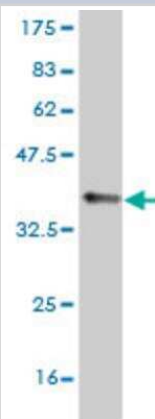
Nav1.6 Antibody (4G7) - Azide and BSA Free

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	4G7
Preservative	No Preservative
Isotype	IgG2a 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	6334
Gene Symbol	SCN8A
Species	Human, Mouse
Specificity/Sensitivity	SCN8A (4G7)
Immunogen	SCN8A (NP_055006, 1854 a.a. ~ 1951 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. RVLGDSGELDILRQQMEERFVASNPSKVSYPITTTTLRRKQEEVSAVVLQRAY RGHLARRGFICKKTTSNKLENGGTHREKKESTPSTASLPSYDSVT
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, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB.



Images

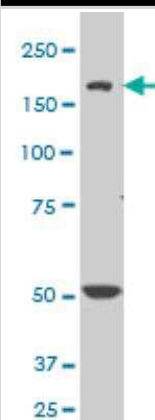
Western Blot: Nav1.6 Antibody (4G7) [H00006334-M04] - Analysis against Immunogen (36.52 KDa) .



Immunocytochemistry/Immunofluorescence: Nav1.6 Antibody (4G7) [H00006334-M04] - Analysis of monoclonal antibody to SCN8A on NIH/3T3 cell. Antibody concentration 10 ug/ml



Western Blot: Nav1.6 Antibody (4G7) [H00006334-M04] - Analysis of SCN8A expression in NIH/3T3 (Cat # L018V1).



Publications

Ogiwara I, Miyamoto H, Morita N et al. Na(v)1.1 localizes to axons of parvalbumin-positive inhibitory interneurons: a circuit basis for epileptic seizures in mice carrying an Scn1a gene mutation. *J Neurosci*. 2007-05-30 [PMID: 17537961]



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Products Related to H00006334-M04

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00006334-Q01-10ug	Recombinant Human Nav1.6 GST (N-Term) 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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