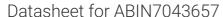
antibodies -online.com





anti-SCN11A antibody (C-Term, Intracellular)

2 Images



Go to Product page

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Characteristics:

Purification:

Quantity:	25 μL	
Target:	SCN11A	
Binding Specificity:	AA 1748-1765, C-Term, Intracellular	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SCN11A antibody is un-conjugated	
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)	
Product Details		
Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: CNGDLSSLDVAKVKVHND, corresponding to amino acid residues 1748- 1765 of rat NaV1.9	
Isotype:	IgG	

Affinity purified on immobilized antigen.

Anti-SCN11A (NaV1.9) Antibody (ABIN7043657, ABIN7045241 and ABIN7045242)) is a highly

specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot, immunocytochemistry, and immunohistochemistry applications. It has been

designed to recognize NaV1.9 channel from rat, human, and mouse samples.

Target Details

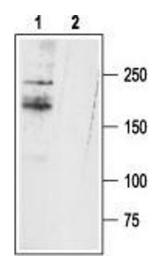
Target:	SCN11A	
Alternative Name:	SCN11A (NaV1.9) (SCN11A Products)	
Background:	Alternative names: SCN11A (NaV1.9), PN5, SNS2, NAN, Sodium channel protein type 11 subunit alpha	
Gene ID:	29701	
NCBI Accession:	NM_014139	
UniProt:	088457	

Application Details

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

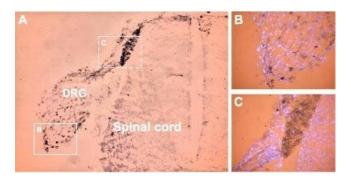
Handling

Format:	Lyophilized
Reconstitution:	$25~\mu\text{L},50~\mu\text{L}$ or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



Western Blotting

Image 1. Western blot analysis of rat DRG lysates: - 1. Anti-SCN11A (NaV1.9) Antibody (ABIN7043657, ABIN7045241 and ABIN7045242), (1:200).2. Anti-SCN11A (NaV1.9) Antibody, preincubated with SCN11A/Nav1.9 Blocking Peptide (#BLP-SC017).



Immunohistochemistry

Image 2. Expression of NaV1.9 in rat embryo DRG - Immunohistochemical staining of formalin frozen rat embryo dorsal root ganglion (DRG) sections with Anti-SCN11A (NaV1.9) Antibody (ABIN7043657, ABIN7045241 and ABIN7045242). A. Cells within the DRG were stained (see solid line frame enlarged in B) as well as fibers and the area of entry of dorsal root into the spinal cord (see dashed line frame enlarged in C). DAPI is used as the counterstain.