

Rabbit Nav1.1 Antibody | anti-Nav1.1 antibody

Nav1.1 Antibody

CATALOG # AAA226249	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Nav1.1; Nav1.1 Antibody; Purified Polyclonal Nav1.1 Antibody; Polyclonal Nav1.1 antibody; Anti-Nav1.1 antibody; SCN1A antibody; NAC1 antibody; SCN1 antibody; Sodium channel protein type 1 subunit alpha antibody; Sodium channel protein brain I subunit alpha antibody; Sodium channel protein type I subunit alpha antibody; Voltage-gated sodium channel subunit alpha Nav1.1 antibody; SCN2A antibody; NAC2 antibody; SCN2A1 antibody; SCN2A2 antibody; Sodium channel protein type 2 subunit alpha antibody; HBSC II antibody; Sodium channel protein brain II subunit alpha antibody; Sodium channel protein type II subunit alpha antibody; Voltage-gated sodium channel subunit alpha Nav1.2 antibody; SCN3A antibody; KIAA1356 antibody; NAC3 antibody; Sodium channel protein type 3 subunit alpha antibody; Sodium channel protein brain III subunit alpha antibody; Sodium channel protein type III subunit alpha antibody; Voltage-gated sodium channel subtype III antibody; Voltage-gated sodium channel subunit alpha Nav1.3 antibody; SCN4A antibody; Sodium channel protein type 4 subunit alpha antibody; SkM1 antibody; Sodium channel protein skeletal muscle subunit alpha antibody; Sodium channel protein type IV subunit alpha antibody; Voltage-gated sodium channel subunit alpha Nav1.4 antibody; SCN5A antibody; Sodium channel protein type 5 subunit alpha antibody; HH1 antibody; Sodium channel protein cardiac muscle subunit alpha antibody; Sodium channel protein type V subunit alpha antibody; Voltage-gated sodium channel subunit alpha Nav1.5 antibody; SCN8A antibody; MED antibody; Sodium channel protein type 8 subunit alpha antibody; Sodium channel protein type VIII subunit alpha antibody; Voltage-gated sodium channel subunit alpha Nav1.6 antibody; SCN9A antibody; NENA antibody; Sodium channel protein type 9 subunit alpha antibody; Neuroendocrine sodium channel antibody; hNE-Na antibody; Peripheral sodium channel 1 antibody; PN1 antibody; Sodium channel protein type IX subunit alpha antibody; Voltage-gated sodium channel subunit alpha Nav1.7 antibody; SCN10A antib; anti-Nav1.1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Purity/Purification	Nav1.1 antibody was purified by immunogen affinity chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, ph 7.3 with 0.87% Sodium Chloride, 30% Glycerol, and 0.01% NaN3
Concentration	1.0mg/ml (varies by lot)
Sequence Positions	Recognizes endogenous levels of Nav11 protein
Applicable Applications for anti-Nav1.1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-Conjugated synthetic peptide encompassing a proprietary sequence within the center region of human Nav1.1
Biological Significance	Nav1.1 is a subunit of a voltage-gated ion channel essential for the generation and propagation of action potentials, chiefly in nerve and muscle.
Preparation and Storage	Short Term: 4°C. Long Term: -20°C. Avoid repeat freeze-thaws.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of Nav1.1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of Nav1.1 expression in SHSY5Y (A); mouse brain (B); PC12 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-Nav1.1 antibody	Nav1.1 is a subunit of a voltage-gated ion channel essential for the generation and propagation of action potentials, chiefly in nerve and muscle.
Product Categories/Family for anti-Nav1.1 antibody	Cell Biology

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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