



SCN8A rabbit pAb

Cat No.:ES11792

For research use only

Overview

Product Name	SCN8A rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SCN8A Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Sodium channel protein type 8 subunit alpha (Sodium channel protein type VIII subunit alpha (Voltage-gated sodium channel subunit alpha Nav1.6)
Gene Name	SCN8A MED
Cellular localization	Cell membrane ; Multi-pass membrane protein . Cell projection, axon . Mainly localizes to the axon initial segment. . ; [Isoform 5]: Cytoplasmic vesicle. Some vesicles are localized adjacent to melanoma invadopodia and macrophage podosomes. Does not localize to the plasma membrane.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	217kD
Human Gene ID	6334
Human Swiss-Prot Number	Q9UQD0
Alternative Names	
Background	This gene encodes a member of the sodium channel





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alpha subunit gene family. The encoded protein forms the ion pore region of the voltage-gated sodium channel. This protein is essential for the rapid membrane depolarization that occurs during the formation of the action potential in excitable neurons. Mutations in this gene are associated with mental retardation, pancerebellar atrophy and ataxia. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010],



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