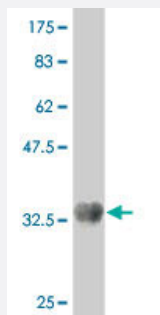


SCN2A2 polyclonal antibody (A01)

Catalog # H00006326-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.01 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant SCN2A2.
Immunogen	SCN2A2 (NP_066287, 273 a.a. ~ 362 a.a) partial recombinant protein with GST tag.
Sequence	NLRNKCLQWPPDNSSFEINITSFNNSLDGNGTTFNRTVSIFNWDEYIEDKSHFYFLEGQNDALLC GNSSDAGQCPEGYICVKAGRNPNY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.01 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SCN2A

Entrez GeneID	6326
GeneBank Accession#	NM_021007
Protein Accession#	NP_066287
Gene Name	SCN2A
Gene Alias	HBA, HBSCI, HBSCII, NAC2, Na(v)1.2, Nav1.2, SCN2A1, SCN2A2
Gene Description	sodium channel, voltage-gated, type II, alpha subunit
Omim ID	182390 604233 607745
Gene Ontology	Hyperlink
Gene Summary	Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit with 24 transmembrane domains and one or more regulatory beta subunits. They are responsible for the generation and propagation of action potentials in neurons and muscle. This gene encodes one member of the sodium channel alpha subunit gene family. It is heterogeneously expressed in the brain, and mutations in this gene have been linked to several seizure disorders. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000041049 OTTHUMP00000041050 sodium channel protein, brain type 2 alpha subunit sodium channel, voltage-gated, type II, alpha sodium channel, voltage-gated, type II, alpha 1 polypeptide sodium channel, voltage-gated, type II, alpha 2 polypeptide

Disease

- [Autistic Disorder](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Peripheral Nervous System Diseases](#)

- [Seizures](#)
- [Tobacco Use Disorder](#)