

Anti-SCN8A / Nav1.6 Antibody (N-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17444**Specification**

Anti-SCN8A / Nav1.6 Antibody (N-Terminus) - Product Information

Application	WB, IHC-P
Primary Accession	Q9UQD0
Predicted	Human, Mouse, Rat, Rabbit, Monkey, Sheep, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	225280

Anti-SCN8A / Nav1.6 Antibody (N-Terminus) - Additional Information**Gene ID** 6334**Alias Symbol** SCN8A**Other Names**

SCN8A, CERIII, MED, PN4, Na6, NaCh6, CIAT, Dmu, EIEE13, Motor endplate disease, Nav1.6, PN4a

Target/Specificity

Recognizes endogenous levels of Nav1.6 protein.

Reconstitution & Storage

PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

Anti-SCN8A / Nav1.6 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-SCN8A / Nav1.6 Antibody (N-Terminus) - Protein Information**Name** SCN8A**Synonyms** MED**Function**

Mediates the voltage-dependent sodium ion permeability of excitable membranes (PubMed:29726066). Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na(+) ions may pass in accordance with their electrochemical gradient.

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell projection, axon

{ECO:0000250|UniProtKB:Q9WTU3}. Note=Mainly localizes to the axon initial segment.
{ECO:0000250|UniProtKB:Q9WTU3}

Tissue Location

Expressed in the hippocampus with increased expression in epileptic tissue compared to normal adjacent tissue (at protein level) (PubMed:28842554). Isoform 5: Expressed in non-neuronal tissues, such as monocytes/macrophages.

Anti-SCN8A / Nav1.6 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SCN8A / Nav1.6 Antibody (N-Terminus) - Images