

Nav1.1 blocking peptide

Blocking peptide binds specifically to the target antibody and block undesirable antibody binding. This occurs because the peptide resembles the epitope for which the antibody is specific, therefore, the antibody binds to the blocking peptide are no longer able to bind to the epitope in the protein.

Pre-adsorption with blocking peptide greatly improves the results and it is extremely useful in immunohistochemistry (IHC) or in Western blotting (immunoblotting) when non-specific binding is an issue.

This peptide is recommended to block anti-Nav11 Antibody (Catalog no. 4072048) reactivity

Directions for Use: Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours

Catalog No.	5072048
Size	1mg
Product Category	Blocking Peptide
Gene Symbol	SCN1A; SCN2A; SCN3A; SCN4A; SCN5A; SCN8A; SCN9A; SCN10A; SCN11A
UniProt ID	P35498; Q99250; Q9NY46; P35499; Q14524; Q9UQD0; Q15858; Q9Y5Y9; Q9UI33
Purity	>85%

Synonyms	<p>SCN1A; NAC1; SCN1; Sodium channel protein type 1 subunit alpha; Sodium channel protein brain I subunit alpha; Sodium channel protein type I subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.1; SCN2A; NAC2; SCN2A1; SCN2A2; Sodium channel protein type 2 subunit alpha; HBSC II; Sodium channel protein brain II subunit alpha; Sodium channel protein type II subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.2; SCN3A; KIAA1356; NAC3; Sodium channel protein type 3 subunit alpha; Sodium channel protein brain III subunit alpha; Sodium channel protein type III subunit alpha; Voltage-gated sodium channel subtype III; Voltage-gated sodium channel subunit alpha Nav1.3; SCN4A; Sodium channel protein type 4 subunit alpha; SkM1; Sodium channel protein skeletal muscle subunit alpha; Sodium channel protein type IV subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.4; SCN5A; Sodium channel protein type 5 subunit alpha; HH1; Sodium channel protein cardiac muscle subunit alpha; Sodium channel protein type V subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.5; SCN8A; MED; Sodium channel protein type 8 subunit alpha; Sodium channel protein type VIII subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.6; SCN9A; NENA; Sodium channel protein type 9 subunit alpha; Neuroendocrine sodium channel; hNE-Na; Peripheral sodium channel 1; PN1; Sodium channel protein type IX subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.7; SCN10A; Sodium channel protein type 10 subunit alpha; Peripheral nerve sodium channel 3; PN3; hPN3; Sodium channel protein type X subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.8; SCN11A; SCN12A; SNS2; Sodium channel protein type 11 subunit alpha; Peripheral nerve sodium channel 5; PN5; Sensory neuron sodium channel 2; Sodium channel protein type XI subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.9; hNaN</p>
Storage/Stability	-20°C/1 year
Shipping	Gel Packs

