

Product Datasheet

Nav-pan Rabbit Polyclonal Antibody (orb214555)

Catalog Number	orb214555
Category	Antibodies
Description	The Nav-pan Antibody is suitable for IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Nav1.1. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	SCN1A; SCN2A; SCN3A; SCN4A; SCN5A; SCN8A; SCN9A; SCN10A; SCN11A
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Nav1.1. The exact sequence is proprietary.
UniProt ID	P04774, Q15858, Q9UQD0, Q9UI33, Q9Y5Y9, P15390, Q99250, P08104, Q14524, Q9NY46, P35499, Q9ER60, P04775, P35498
Tested applications	IHC, WB

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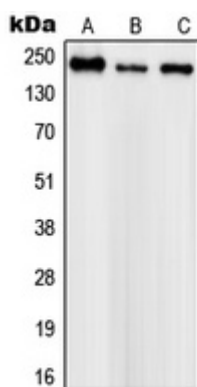
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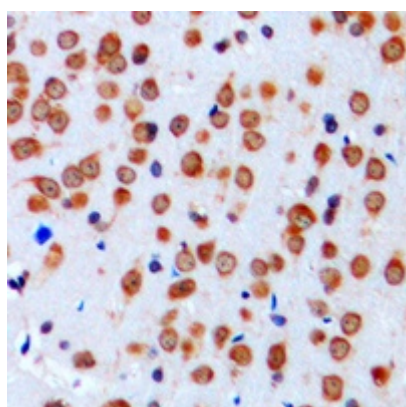
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Dilution range	WB: 1-500-1-1000, IHC-P: 1-100-1-200
Specificity	Recognizes endogenous levels of Nav-pan protein.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	6329 , 6334 , 6328 , 6331 , 6336 , 497770 , 25722 , 6323 , 81574 , 110880 , 6326 , 11280 , 6335 , 24766
Expiration Date	12 months from date of receipt.



Western blot analysis of Nav1.1 expression in SHSY5Y (A), mouse brain (B), PC12 (C) whole cell lysates. (Predicted band size: 227 kD; Observed band size: 230 kD)



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.

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