

Product Datasheet

Scn2b Antibody (S395-68) NBP2-59317

Unit Size: 100 ug

Store at -20C.

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NBP2-59317

Scn2b Antibody (S395-68)

Product Information

Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	S395-68
Preservative	0.1% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description

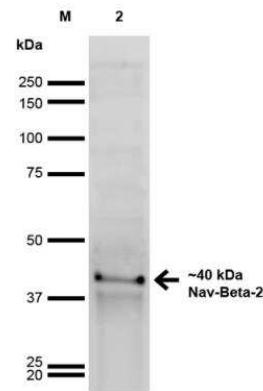
Host	Mouse
Gene ID	6327
Gene Symbol	SCN2B
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects 40kDa. Does not cross-react with NavBeta1, Navbeta3, or Navbeta4.
Immunogen	Fusion protein amino acids 1-215 (full-length) of mouse Nav beta2

Product Application Details

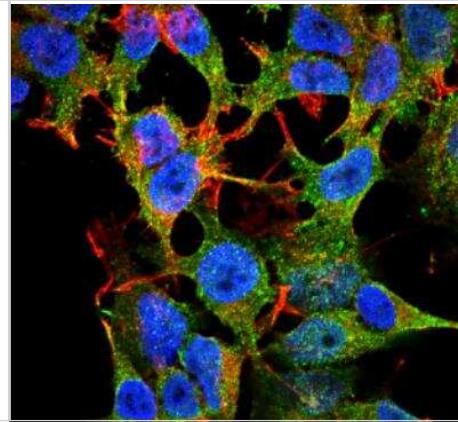
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/Immunofluorescence 1:10 - 1:500

Images

Western Blot: Scn2b Antibody (S395-68) [NBP2-59317] - Analysis of Rat Brain showing detection of ~40 kDa Nav-Beta-2 protein using Mouse Anti-Nav-Beta-2 Monoclonal Antibody, Clone S395-68. Lane 1: MW Ladder. Lane 2: Rat Brain. Load: 20 ug . Block: 2% GE Healthcare Blocker for 1 hour at RT. Primary Antibody: Mouse Anti-Nav-Beta-2 Monoclonal Antibody at 1:1000 for 16 hours at 4 degrees C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:200 for 1 hour at RT. Color Development: ECL solution for 6 min at RT. Predicted/Observed Size: ~40 kDa.



Immunocytochemistry/Immunofluorescence: Scn2b Antibody (S395-68) [NBP2-59317] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Nav beta 2 Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Membrane. Magnification: 60X.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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