

Product Datasheet

Kv3.2 Antibody (S410-17) NBP2-59328

Unit Size: 100 ug

Store at -20C.

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NBP2-59328

Kv3.2 Antibody (S410-17)

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	S410-17
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description

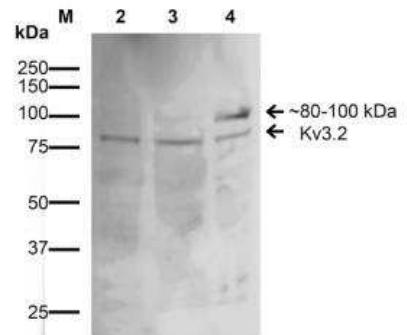
Host	Mouse
Gene ID	3747
Gene Symbol	KCNC2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects 80-100kDa. Varies due to post-translational modifications.
Immunogen	Fusion protein amino acids 474-613 (Cytoplasmic C-terminus) of rat Kv3.2a

Product Application Details

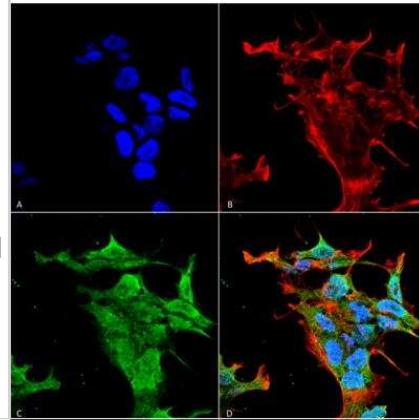
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500

Images

Western Blot: Kv3.2 Antibody (S410-17) [NBP2-59328] - Analysis of Mouse, Rat Brain showing detection of ~80-100 kDa Kv3.2 protein using Mouse Anti-Kv3.2 Monoclonal Antibody, Clone S410-17. Lane 1: MW Ladder. Lane 2: Mouse Brain. Lane 3: Rat Brain Membrane. Lane 4: Rat Brain. Load: 20 ug. Block: 2% GE Healthcare Blocker for 1 hour at RT. Primary Antibody: Mouse Anti-Kv3.2 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: ~80-100 kDa. Other Band(s): ~30 kDa for Rat Brain .



Immunocytochemistry/Immunofluorescence: Kv3.2 Antibody (S410-17) [NBP2-59328] - Analysis using Mouse Anti-Kv3.2 Monoclonal Antibody, Clone S410-17. Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Kv3.2 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: Cell Membrane. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Kv3.2 Antibody (D) Composite.





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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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