

Product Datasheet

CACNB4 Antibody (S10-7)

NBP2-12908-0.025mg

Unit Size: 0.025 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-12908-0.025mg

CACNB4 Antibody (S10-7)

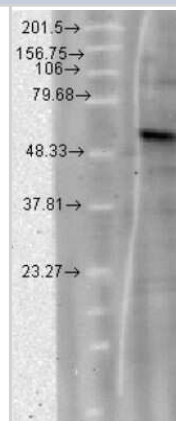
Product Information	
Unit Size	0.025 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S10-7
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description	
Host	Mouse
Gene ID	785
Gene Symbol	CACNB4
Species	Human, Mouse, Rat, Hamster
Specificity/Sensitivity	Detects approx 50kDa. No cross-reactivity against rat Cav Beta1b, Cav beta2a, and Cav betas3 in transfected cells.
Immunogen	Synthetic peptide amino acids 458-474 of rat CavB4

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot 1-10 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 0.1-1.0 ug/ml, Microarray
Application Notes	1 ug/ml of Cav beta 4 Antibody was sufficient for detection of CavB4 in 10 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

Images

Western Blot: CACNB4 Antibody (S10-7) [NBP2-12908] - analysis of hamster T-CHO cell lysate showing detection of CACNB4 Calcium Channel protein using Mouse Anti-CACNB4 Calcium Channel Monoclonal Antibody, Clone S10-7 . Load: 15 ug protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-CACNB4 Calcium Channel Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.





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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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