

Product Datasheet

GKAP/DLGAP1 Antibody (S127-31)

NBP1-47612-0.025mg

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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GKAP/DLGAP1 Antibody (S127-31)

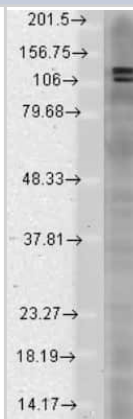
Product Information	
Unit Size	0.025 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S127-31
Preservative	0.1% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Target Molecular Weight	108 kDa

Product Description	
Host	Mouse
Gene ID	9229
Gene Symbol	DLGAP1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24277719).
Specificity/Sensitivity	Detects approx. 120kDa (SAPAP2), approx. 110kDa (SAPAP1/3/4). It does cross-react with other SAPAPs .
Immunogen	Fusion protein amino acids 772-992 (C-terminus) of rat SAPAP1

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot 1-10 ug/ml, Immunohistochemistry 1:1000, Immunocytochemistry/Immunofluorescence 0.1-1.0 ug/ml, Immunoprecipitation 1:10-1:500, Microarray
Application Notes	1 ug/ml of SAPAP (pan) Antibody was sufficient for detection of SAPAP 1-4 in 10 ug of rat brain lysate by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary Antibody.

Images

Western Blot: GKAP/DLGAP1 Antibody (S127-31) [NBP1-47612] - analysis of Rat brain membrane lysate showing detection of SAPAP protein using Mouse Anti-SAPAP Monoclonal Antibody, Clone S127-31 . Load: 15 ug protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-SAPAP Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Publications

Schaik A Resolving the effect of Shank3 S1510 phosphorylation on Shank3 functioning Thesis 2021-01-01 (IP, Human)

Grabrucker S, Jannetti L, Eckert M et al. Zinc deficiency dysregulates the synaptic ProSAP/Shank scaffold and might contribute to autism spectrum disorders. Brain. 2013-11-25 [PMID: 24277719] (ICC/IF, Mouse)



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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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