

Product Datasheet

Synaptotagmin 3 Antibody (S278-19) NBP2-22395-0.025mg

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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NBP2-22395-0.025mg

Synaptotagmin 3 Antibody (S278-19)

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	S278-19
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description

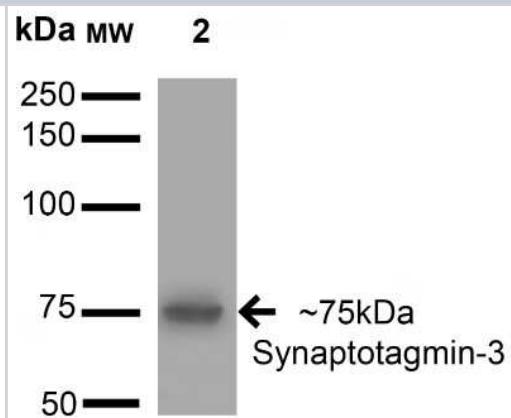
Host	Mouse
Gene ID	84258
Gene Symbol	SYT3
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects approx 75kDa. Does not cross-react with other Synaptotagmins.
Immunogen	Fusion protein amino acids 442-533 (Cytoplasmic C2B domain) of mouse Synaptotagmin-3

Product Application Details

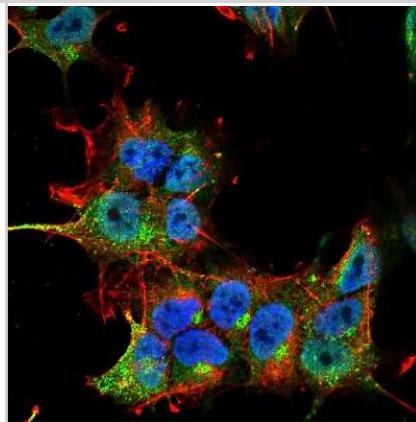
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
Application Notes	1 ug/ml of Synaptotagmin-3 Antibody was sufficient for detection of Synaptotagmin-3 in 20 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

Images

Western Blot: Synaptotagmin 3 Antibody (S278-19) [NBP2-22395] - analysis of Rat Brain Membrane showing detection of 75 kDa Synaptotagmin-3 protein using Mouse Anti-Synaptotagmin-3 Monoclonal Antibody, Clone S278-19. Lane 1: Molecular Weight Ladder. Lane 2: Rat Brain Membrane. Load: 15 ug. Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-Synaptotagmin-3 Monoclonal Antibody at 1:200 for 16 hours at 4C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 1 hour RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: 75 kDa.



Immunocytochemistry/Immunofluorescence: Synaptotagmin 3 Antibody (S278-19) [NBP2-22395] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Synaptotagmin-3 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 60 min RT, 5 min RT. Localization: Cytoplasmic Vesicle, Secretory Vesicle, Synaptic Vesicle Membrane, Nucleus. 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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