

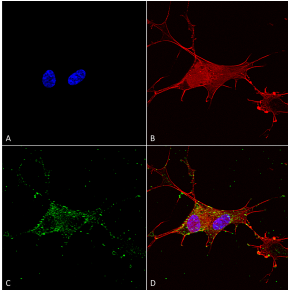
Anti-Synaptotagmin VII Antibody [S275-14] (A304818)

Specifications:

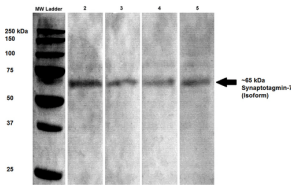
Name:	Anti-Synaptotagmin VII Antibody [S275-14]
Description:	Mouse monoclonal [S275-14] antibody to Synaptotagmin VII.
Specificity:	This antibody can identify other isoforms bands at ~65kD.
Applications:	WB, IHC, ICC/IF
Recommended Dilutions:	WB: 1:1,000, ICC/IF: 1:100
Reactivity:	Human, Mouse, Rat
Cross Reactivity:	This antibody does not cross-react with Synaptotagmin 6.
Immunogen:	Fusion protein amino acids 150-239 (Cytoplasmic C2A domain) of mouse Synaptotagmin-7.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	S275-14
Isotype:	IgG2b
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Molecular Weight:	~45 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.4, with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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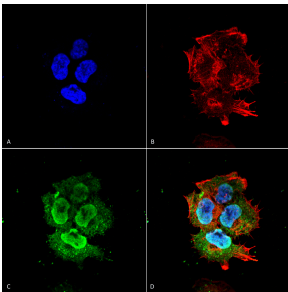
Images:



Immunocytochemistry/Immunofluorescence analysis of human neuroblastoma cells (SH-SY5Y), fixed in 4% PFA for 15 min, using Anti-Synaptotagmin VII Antibody [S275-14] (A304818), at 1:100 for overnight at 4°C with slow rocking. The secondary antibody used was AlexaFluor 488 at 1:1,000 for 1 hour at room temperature. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 minutes at room temperature. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) Synaptotagmin-7 Antibody (D) Composite.



Western blot analysis of rat brain lysates showing detection of Synaptotagmin 7 protein using Anti-Synaptotagmin VII Antibody [S275-14] (A304818) at 1:100, 1:250, 1:500, and 1:1,000.



Immunocytochemistry/Immunofluorescence analysis of human neuroblastoma cell line (SK-N-BE, fixed in 4% formaldehyde for 15 min at room temperature, using Anti-Synaptotagmin VII Antibody [S275-14] (A304818), at 1:100 for 60 minutes at room temperature. The secondary antibody used was Goat Anti-Mouse ATTO 488 at 1:100 for 60 minutes at room temperature. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000; 1:5,000 for 60 minutes room temperature, 5 minutes room temperature. Localization: Cytoplasmic Vesicle, Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Synaptotagmin-7 Antibody. (D) Composite.