

AB-NN343-1

Synaptotagmin-9 Antibody

Pan-specific monoclonal antibody (S276-15) for monitoring the expression of mouse Synaptotagmin-9



KINEXUS

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Target Protein

Name Long:	Synaptotagmin-9
Alias:	SYT-9, SYT9, Synaptotagmin 9, Synaptotagmin IX, SytIX, Syt IX, Synaptotagmin9, SynaptotagminIX, FLJ45896
UniProt ID:	Q9R0N5 - Mouse
Human Predicted Mass (KDa):	42.900 (386 AA; A0A024R4N8-1)
Observed SDS-PAGE Mass (KDa):	60

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 253-344 (Cytoplasmic C2B domain) of mouse Synaptotagmin-9
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-436 was sufficient for detection of Synaptotagmin-9 in 20 µg of transiently overexpressing synaptotagmin-9 COS cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~60 kDa protein.
Antibody Specificity:	Very High
Antibody Cross Reactivities:	Does not cross-react with other Synaptotagmin-1 or other Synaptotagmins. Weak cross-reactive protein at ~85 kDa in mouse brain lysates.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987