

AB-NN344-1

Synaptotagmin-10 Antibody

Pan-specific monoclonal antibody (S269-73) for monitoring the expression of mouse Synaptotagmin-10



KINEXUS

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Target Protein

Name Long:	Synaptotagmin-10
Alias:	SYT10, SYT-10, Synaptotagmin 10, Synaptotagmin X, SytX, P65, SVP65, DKFZp781D2042, SYT
UniProt ID:	Q9R0N4 - Mouse
Human Predicted Mass (KDa):	59.127 (523 AA; Q6XYQ8-1)
Observed SDS-PAGE Mass (KDa):	60

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 248-335 (Cytoplasmic C2A domain) of mouse Synaptotagmin-10
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	185 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:	Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-423 was sufficient for detection of Synaptotagmin-10 in 20 µg of Synaptotagmin10 transiently-transfected COS cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~60 kDa protein.
Antibody Cross Reactivities:	Does not cross-react with Synaptotagmin-6 or Synaptotagmin-3 (or others).

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