

AB-NN358-1

VAMP1/2 Antibody

Pan-specific monoclonal antibody (SP-11) for monitoring the expression of human VAMP1/2



KINEXUS

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Target Protein

Name Long:	Vesicle-associated membrane protein 1 (VAMP1/2)
Alias:	SYB1, Synaptobrevin, vesicle associated membrane protein
UniProt ID:	P23763 - Human
Human Predicted Mass (KDa):	12.902 (118 AA; P23763-1); 12.765 (117 AA; P23763-3); 12.658 (116 AA; P23763-2)
Observed SDS-PAGE Mass (KDa):	20-25

Immunogen

Antibody Immunogen Source:	Crude human synaptic immunoprecipitate
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	202 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 ELISA
Antibody Dilution Recommended:	WB (1:1000), IHC (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Rat
Antibody Positive Control:	1 µg/ml of SMC-179 was sufficient for detection of VAMP in 10 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~20-25 kDa proteins. Recognizes VAMP 1 and 2.

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