

# AB-NN367-1

## Synaptotagmin-6 Antibody

Pan-specific monoclonal antibody (S270-47) for monitoring the expression of mouse Synaptotagmin-6



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### Target Protein

<b>Name Long:</b>	Synaptotagmin 6
<b>Alias:</b>	SYT-6, SYT6, Synaptotagmin 6, Synaptotagmin VI, SytVI, Syt VI, Synaptotagmin6, SynaptotagminVI
<b>UniProt ID:</b>	Q9R0N8 - Mouse
<b>Human Predicted Mass (KDa):</b>	57.325 (510 AA; Q5T7P8-1); 48.442 (425 AA; Q5T7P8-2)
<b>Observed SDS-PAGE Mass (KDa):</b>	55

### Immunogen

<b>Antibody Immunogen Source:</b>	Fusion protein amino acids 246-333 (Cytoplasmic C2A domain) of mouse Synaptotagmin-6
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	187 IgG1
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat
<b>Antibody Positive Control:</b>	1 µg/ml of SMC-425 was sufficient for detection of Synaptotagmin-6 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a ~55 kDa protein.
<b>Antibody Cross Reactivities:</b>	Does not cross-react with other synaptotagmins.

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](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987