

# Product Datasheet

## Synaptotagmin 1 [p Thr202] Antibody - Azide Free NB300-235

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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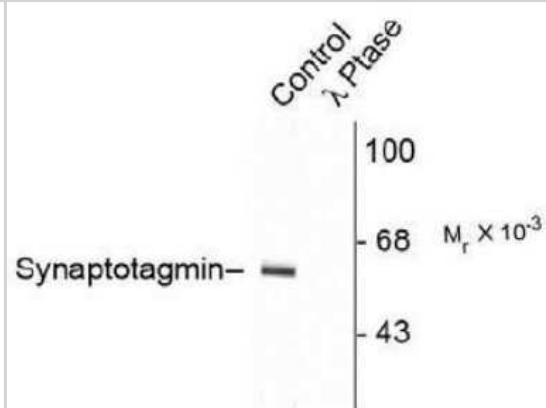


**NB300-235****Synaptotagmin 1 [p Thr202] Antibody - Azide Free**

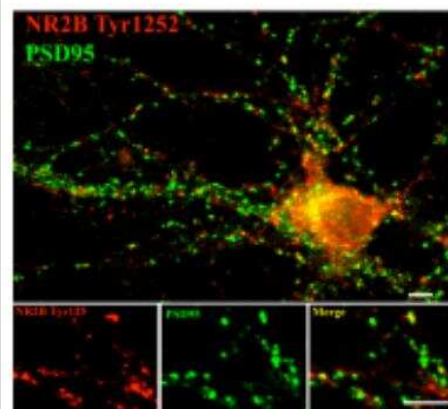
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
<b>Target Molecular Weight</b>	62 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Synaptotagmin 1 [p Thr202] Antibody - Azide Free (NB300-235) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6857
<b>Gene Symbol</b>	SYT1
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	Specific for endogenous levels of the ~62 kDa Synaptotagmin 1 protein phosphorylated at Thr 202. Immunolabeling is completely eliminated by treatment with lambda-phosphatase.
<b>Immunogen</b>	Synthetic phospho-peptide corresponding to amino acid residues surrounding Thr202 conjugated to KLH. Accession # P21707
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:400

## Images

Western Blot: Synaptotagmin 1 [p Thr202] Antibody [NB300-235] - Western blot of rat cortex lysate showing specific immunolabeling of the ~60k - ~62k synaptotagmin phosphorylated at Thr202 (Control). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase). The blot is identical to the control except that it was incubated (1200 units for 30 min) before being exposed to the Thr202 synaptotagmin antibody. The immunolabeling is completely eliminated by treatment with lambda-phosphatase.



Immunohistochemistry: Synaptotagmin-1 [p Thr202] Antibody [NB300-235] - Immunostaining of 14 DIV rat cortical neurons showing synaptotagmin when phosphorylated at Thr202 in red and PSD95 in green. Photo courtesy of Gang Liu.





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### **Products Related to NB300-235**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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