

# Product Datasheet

## Syntaxin 1A Antibody NB600-818

Unit Size: 0.1 mg

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

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**NB600-818**

## Syntaxin 1A Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris (pH 7.3), 0.5% BSA

Product Description	
Host	Goat
Gene ID	6804
Gene Symbol	STX1A
Species	Mouse
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Human, Rat, Canine, Bovine.
Specificity/Sensitivity	Please note this product is expected to recognize the products of 2 different genes. STX1A (NP_004594.1 and NP_001159375.1) and STX1B (NP_443106.1).
Immunogen	Peptide with sequence KDRTQELRTAKD-C corresponding to N-Terminus according to NP_001159375.1, NP_443106.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.01 - 0.03 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 35 kDa band observed in mouse brain lysates (calculated MW of 33.0 kDa band according to NP_004594.1 and 33.2 kDa band according to NP_443106.1).

**Publications**

Kang Y, Leung YM, Manning-Fox JE et al. Syntaxin-1A inhibits cardiac KATP channels by its actions on nucleotide binding folds 1 and 2 of sulfonylurea receptor 2A. J Biol Chem 2004-11-05 [PMID: 15339904]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-  
techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **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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