

# Product Datasheet

## Syntaxin-BP1 Antibody (6D1) - Azide and BSA Free H00006812-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00006812-M01**

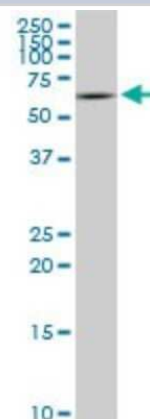
Syntaxin-BP1 Antibody (6D1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6D1
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6812
Gene Symbol	STXBP1
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	STXBP1 (6D1)
Immunogen	STXBP1 (NP_003156, 74 a.a. ~ 168 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALFNELVKSRAAKVIKT LTEINIAFLPYESQVYSLDSADSFQSFYSPHKAQMKNP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P and ELISA.

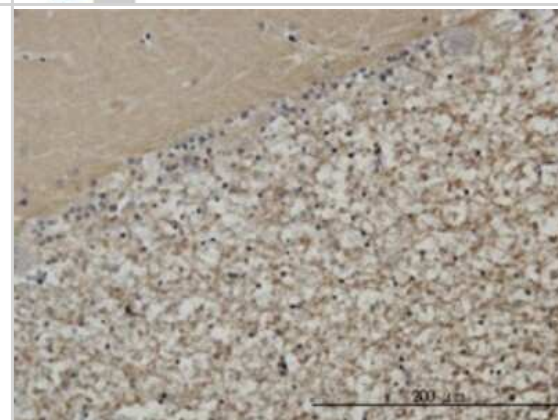


## Images

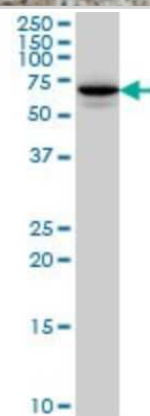
Western Blot: Syntaxin-BP1 Antibody (6D1) [H00006812-M01] - STXBP1 monoclonal antibody (M01), clone 6D1. Analysis of STXBP1 expression in NIH/3T3.



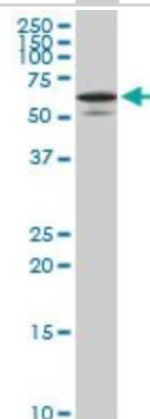
Immunohistochemistry-Paraffin: Syntaxin-BP1 Antibody (6D1) [H00006812-M01] - Analysis of monoclonal antibody to STXBP1 on formalin-fixed paraffin-embedded human cerebellum. Antibody concentration 3 ug/ml.



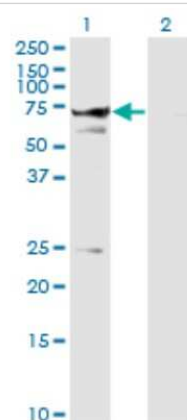
Western Blot: Syntaxin-BP1 Antibody (6D1) [H00006812-M01] - STXBP1 monoclonal antibody (M01), clone 6D1 Analysis of STXBP1 expression in HeLa.



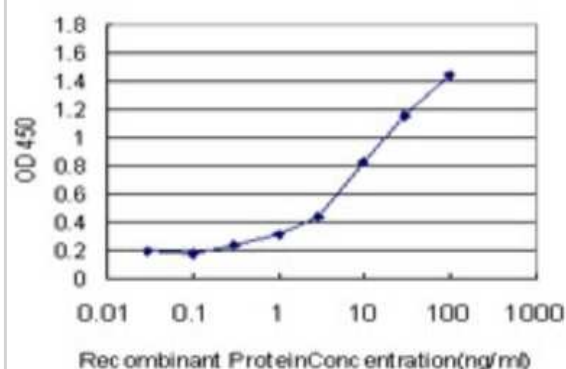
Western Blot: Syntaxin-BP1 Antibody (6D1) [H00006812-M01] - STXBP1 monoclonal antibody (M01), clone 6D1. Analysis of STXBP1 expression in Raw 264.7.



Western Blot: Syntaxin-BP1 Antibody (6D1) [H00006812-M01] - Analysis of STXBP1 expression in transfected 293T cell line by STXBP1 monoclonal antibody (M01), clone 6D1. Lane 1: STXBP1 transfected lysate (Predicted MW: 68.7 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: Syntaxin-BP1 Antibody (6D1) [H00006812-M01] - Detection limit for recombinant GST tagged STXBP1 is approximately 0.3ng/ml as a capture antibody.



## Publications

Hamada N, Iwamoto I, Tabata H et al. MUNC18-1 gene abnormalities are involved in neurodevelopmental disorders through defective cortical architecture during brain development. Acta Neuropathol Commun 2017-11-30 [PMID: 29191246]



### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00006812-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00006812-P01-10ug	Recombinant Human Syntaxin-BP1 GST (N-Term) Protein

### **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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