

# Product Datasheet

## NRXN1 Antibody NBP1-00219

Unit Size: 0.1 mg

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

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**NBP1-00219**

NRXN1 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 saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

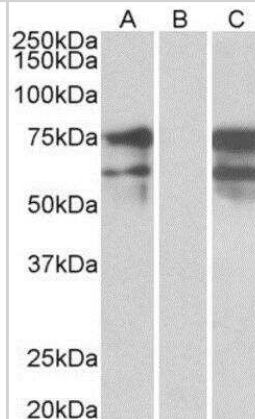
Product Description	
Host	Goat
Gene ID	9378
Gene Symbol	NRXN1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_004792.1 and NP_620072.1).
Immunogen	Peptide with sequence C-KEKQPSSAKSSNKN corresponding to C-Terminus according to NP_620072.1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 1 ug/ml, Flow Cytometry 10 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: In transfected HEK293 transiently expressing full-length human NRXN1 (myc and DYKDDDDK tagged), bands of approx. 75 and 60 kDa band were observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag antibody.

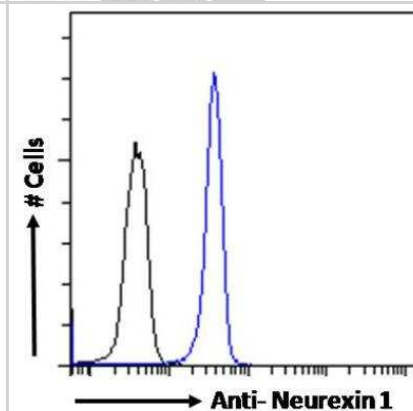


## Images

Western Blot: NRXN1 Antibody [NBP1-00219] - HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human NRXN1 with DYKDDDDK tag probed with (1/3000) in lane C. Mock-transfected HEK293 probed with NBP1-00219 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.



Flow Cytometry: NRXN1 Antibody [NBP1-00219] - Analysis of paraformaldehyde fixed Kelly cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



## Publications

Feng J, Schroer R, Yan J et al. High frequency of neurexin 1beta signal peptide structural variants in patients with autism. *Neurosci Lett* 2006-11-27 [PMID: 17034946]



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### **Products Related to NBP1-00219**

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NBL1-13805	NRXN1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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