

# Product Datasheet

## Nicotinic Acetylcholine Receptor beta Antibody NBP1-20900

Unit Size: 0.1 mg

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

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**NBP1-20900**

## Nicotinic Acetylcholine Receptor beta 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	1140
Gene Symbol	CHRNB1
Species	Human
Immunogen	Peptide with sequence C-QEQEDHDALKED corresponding to internal region according to NP_000738.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:1000
Application Notes	WB: Approx. 55 kDa band observed in human brain (cerebellum, hippocampus, frontal cortex) lysates (calculated MW of 56.7 kDa band according to NP_000738.2).

**Images**

Western Blot: Nicotinic Acetylcholine Receptor beta Antibody [NBP1-20900] - Analysis of Nicotinic Acetylcholine Receptor beta in human cerebellum lysate (35ug protein in RIPA buffer) using NBP1-20900 at 1ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Lou XY, Ma JZ, Payne TJ et al. Gene-based analysis suggests association of the nicotinic acetylcholine receptor beta1 subunit (CHRNB1) and M1 muscarinic acetylcholine receptor (CHRM1) with vulnerability for nicotine dependence. Hum Genet 2006-10-01 [PMID: 16874522]



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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
H00001140-Q01-10ug	Recombinant Human Nicotinic Acetylcholine Receptor beta GST (N-Term) Protein

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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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