

Product Datasheet

Nicotinic Acetylcholine Receptor beta 4 Antibody NBP1-20901

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-20901

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-20901



NBP1-20901**Nicotinic Acetylcholine Receptor beta 4 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	1143
Gene Symbol	CHRNA4
Species	Human
Reactivity Notes	Expected from sequence similarity: Bovine
Specificity/Sensitivity	The immunizing peptide represents part of the first extracellular domain (aa22-236).
Immunogen	Peptide with sequence C-DYRLTNSSRYEGVN corresponding to internal region according to NP_000741.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 2.5 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	Western blot: Preliminary experiments gave an approx 40kDa band in human testis lysates after 0.2ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 56.4kDa according to NP_000741.1. The 40kDa band was successfully blocked by incubation with the immunizing peptide. IHC: Paraffin embedded Human Uterus.

Images

Immunohistochemistry-Paraffin: Nicotinic Acetylcholine Receptor beta 4 Antibody [NBP1-20901] - (2.5ug/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Liang Y, Salas R, Marubio L et al. Functional polymorphisms in the human beta4 subunit of nicotinic acetylcholine receptors. *Neurogenetics* 2005-02-01 [PMID: 15742216]





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

Products Related to NBP1-20901

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
H00001143-Q01-10ug	Recombinant Human Nicotinic Acetylcholine Receptor beta 4 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-20901

Earn gift cards/discounts by submitting a publication using this product:

www.novusbio.com/publications



