

Product Datasheet

Nicotinic Acetylcholine Receptor beta 4 Antibody NBP1-20901

Unit Size: 0.1 mg

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

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NBP1-20901**Nicotinic Acetylcholine Receptor beta 4 Antibody**

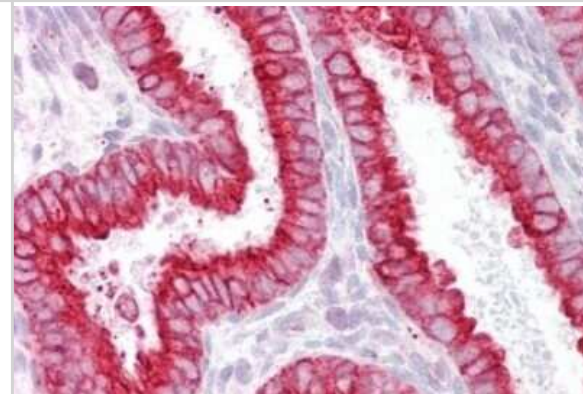
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Nicotinic Acetylcholine Receptor beta 4 Antibody (NBP1-20901) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Nicotinic Acetylcholine Receptor beta 4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	1143
Gene Symbol	CHRNB4
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-DYRLTWNSSRYEGVN corresponding to internal region according to NP_000741.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, 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]



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Products Related to NBP1-20901

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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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