

Product Datasheet

Nicotinic Acetylcholine R alpha 5/CHRNA5 Antibody NBP1-78791

Unit Size: 0.1 mg

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

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NBP1-78791

Nicotinic Acetylcholine R alpha 5/CHRNA5 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	1138
Gene Symbol	CHRNA5
Species	Human
Immunogen	Peptide with sequence C-HVDRYFTQKEET corresponding to internal region according to NP_000736.2.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry 1:10-1:500, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 55 kDa band observed in KELLY lysate (calculated MW of 53.1 kDa band according to NP_000736.2).

Images

Western Blot: Nicotinic Acetylcholine R alpha 5/CHRNA5 Antibody [NBP1-78791] - (1ug/ml) staining of KELLY lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Publications

Kuryatov A, Berrettini W, Lindstrom J. Acetylcholine receptor (AChR) $\alpha 5$ subunit variant associated with risk for nicotine dependence and lung cancer reduces ($\alpha 4\beta 2$)₂ $\alpha 5$ AChR function. Mol Pharmacol 2011-01-01 [PMID: 20881005]



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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
H00001138-Q01-10ug	Recombinant Human Nicotinic Acetylcholine R alpha 5/CHRNA5 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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