

Product Datasheet

Nicotinic Acetylcholine R alpha 5/CHRNA5 Antibody - BSA Free NBP1-69122

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-69122

Nicotinic Acetylcholine R alpha 5/CHRNA5 Antibody - BSA Free

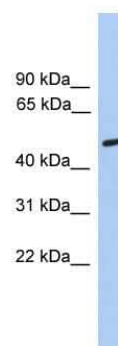
Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	53 kDa

Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	1138
Gene Symbol	CHRNA5
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26904947).
Specificity/Sensitivity	This product is specific to Subunit or Isoform: alpha-5.
Immunogen	Synthetic peptides corresponding to CHRNA5 (cholinergic receptor, nicotinic, alpha 5) The peptide sequence was selected from the middle region of CHRNA5. Peptide sequence PDIVLFDNADGRFEGTSTKTVIRYNGTVTWTPPANYKSSCTIDVTFFPFD. The peptide sequence for this immunogen was taken from within the described region.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml

Images

Western Blot: Nicotinic Acetylcholine R alpha 5/CHRNA5 Antibody [NBP1-69122]



Publications

Kim CS, Choi JS, Joo SY et al. Nicotine-Induced Apoptosis in Human Renal Proximal Tubular Epithelial Cells. PLoS ONE. 2016-03-31 [PMID: 27028622] (WB, Human)

Ganic E, Singh T, Luan C et al. MafA-Controlled Nicotinic Receptor Expression Is Essential for Insulin Secretion and Is Impaired in Patients with Type 2 Diabetes Cell Rep 2016-03-01 [PMID: 26904947] (WB, Mouse)





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Products Related to NBP1-69122

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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