

Goat CHRNA5 Polyclonal Antibody | anti-CHRNA5 antibody

Goat Polyclonal to Human CHRNA5

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51215	Goat	Gibbon, Chimpanzee, Gorilla, Human, Monkey Predicted Reactivity: Hamster, Horse, Pig (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

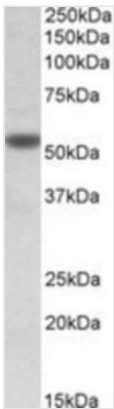
PRODUCT SYNONYMS

CHRNA5; Polyclonal Antibody; Goat Polyclonal to Human CHRNA5; Anti-CHRNA5 Antibody (Internal) IHC-plus; Acra-5; AChR-alpha5; LNCR2; NACHR alpha 5; NACHRA5; Human CHRNA5; anti-CHRNA5 antibody

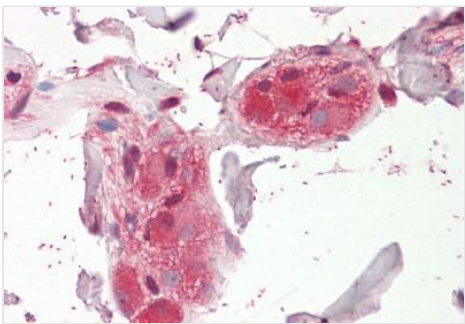
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Gibbon, Chimpanzee, Gorilla, Human, Monkey Predicted Reactivity: Hamster, Horse, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CHRNA5.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	468
Applicable Applications for anti-CHRNA5 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-HVDRYFTQKEET from an internal region of human CHRNA5 (NP_000736.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Elephant (100%); Hamster, Horse, Pig (92%).
Immunogen Type	Synthetic peptide
Immunogen	CHRNA5 antibody was raised against synthetic peptide C-HVDRYFTQKEET from an internal region of human CHRNA5 (NP_000736.2). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Elephant (100%); Hamster, Horse, Pig (92%); Marmoset, Bovine, Turkey, Chicken, Xenopus (83%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
CHRNA5 antibody (1 ug/ml) staining of KELLY lysate (35 ug protein/ml in RIPA buffer).
Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)
Anti-CHRNA5 antibody IHC of human colon, submucosal plexus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 3.75 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CHRNA5 antibody	Family: Ion Channel; Subfamily: Nicotinic acetylcholine receptor
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33589827
NCBI GeneID	1138
NCBI Accession #	NP_000736.2
NCBI GenBank Nucleotide #	NM_000745.3
UniProt Accession #	P30532; Q15824; Q99554
Molecular Weight	53,054 Da
NCBI Official Full Name	neuronal acetylcholine receptor subunit alpha-5
NCBI Official Synonym Full Names	cholinergic receptor, nicotinic, alpha 5 (neuronal)
NCBI Official Symbol	CHRNA5
NCBI Official Synonym Symbols	LNCR2
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-5; acetylcholine receptor, nicotinic, alpha 5 (neuronal); neuronal nicotinic acetylcholine receptor, alpha5 subunit; Cholinergic receptor, neuronal nicotinic, alpha polypeptide-5
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-5
UniProt Gene Name	CHRNA5
UniProt Synonym Gene Names	NACHRA5
UniProt Entry Name	ACHA5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.