

CHRNA5 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3562a

Specification

CHRNA5 Antibody (internal region) - Product Information

Application	WB
Primary Accession	P30532
Other Accession	NP_000736.2 , 1138
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	53054

CHRNA5 Antibody (internal region) - Additional Information

Gene ID 1138

Other Names

Neuronal acetylcholine receptor subunit alpha-5, CHRNA5, NACHRA5

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CHRNA5 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

CHRNA5 Antibody (internal region) - Protein Information

Name CHRNA5

Synonyms NACHRA5

Function

After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.

Cellular Location

Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane

protein

CHRNA5 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHRNA5 Antibody (internal region) - Images



AF3562a (1 μ g/ml) staining of KELLY lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

CHRNA5 Antibody (internal region) - References

Acetylcholine receptor (AChR) γ 5 subunit variant associated with risk for nicotine dependence and lung cancer reduces α 2 γ 5 AChR function. Kuryatov A, Berrettini W, Lindstrom J. Mol Pharmacol. 2011 Jan;79(1):119-25. PMID: 20881005