

CHRNA4 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2739a**Specification**

CHRNA4 Antibody (internal region) - Product Information

Application	E
Primary Accession	P30926
Other Accession	NP_000741.1 , 1143
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	56380

CHRNA4 Antibody (internal region) - Additional Information**Gene ID** 1143**Other Names**

Neuronal acetylcholine receptor subunit beta-4, CHRNA4

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

CHRNA4 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

CHRNA4 Antibody (internal region) - Protein Information**Name** CHRNA4**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

CHRNA4 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](#)

CHRNA4 Antibody (internal region) - Images**CHRNA4 Antibody (internal region) - Background**

The immunizing peptide represents part of the first extracellular domain (aa22-236).

CHRNA4 Antibody (internal region) - References

Functional polymorphisms in the human beta4 subunit of nicotinic acetylcholine receptors. Liang Y, Salas R, Marubio L, Bercovich D, De Biasi M, Beaudet AL, Dani JA. Neurogenetics. 2005 Feb;6(1):37-44. Epub 2004 Nov 25. PMID: 15742216