



## CHRNA4 Antibody

CATALOG NUMBER: 46-643

### Specifications

#### SPECIES REACTIVITY:

#### TESTED APPLICATIONS:

<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:4,000.
<b>IMMUNOGEN:</b>	CHRNA4 antibody was raised against a 13 amino acid synthetic peptide near the internal region (near the N-Terminus) of CHRNA4.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	CHRNA4 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	CHRNA4 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	CHRNA4, cholinergic receptor, nicotinic, alpha 4, BFNC, EBN, EBN1, NACRA4, alpha 4 subunit, alpha polypeptide 4, neuronal acetylcholine receptor alpha 4 subunit, neuronal nicotinic acetylch
<b>ACCESSION NO.:</b>	NP_000735.1
<b>PROTEIN GI NO.:</b>	4502827
<b>OFFICIAL SYMBOL:</b>	CHRNA4
<b>GENE ID:</b>	1137

### Background

<b>REFERENCES:</b>	1) Bertrand D, Picard F, Le Hellard S, Weiland S, Favre I, Phillips H, Bertrand S, Berkovic SF, Malafosse A, Mulley J. How mutations in the nAChRs can cause ADNFLE epilepsy. <i>Epilepsia</i> . 2002;43 Suppl 5:112-22.
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**FOR RESEARCH USE ONLY**

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