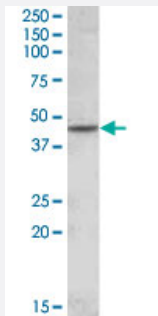


CHRNA2 polyclonal antibody

Catalog # PAB18684 Size 100 ug

Applications



Western Blot (Tissue lysate)

CHRNA2 polyclonal antibody (Cat # PAB18684) (1 ug/mL) staining of human cerebellum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CHRNA2.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human CHRNA2.
Sequence	QPRHHCARQRLR
Host	Goat
Theoretical MW (kDa)	48
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) Western blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

CHRNA2 polyclonal antibody (Cat # PAB18684) (1 ug/mL) staining of human cerebellum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CHRNA2

Entrez GeneID[1141](#)**Protein Accession#**[NP_000739.1](#)**Gene Name**

CHRNA2

Gene Alias

EFNA3, nAChRB2

Gene Description

cholinergic receptor, nicotinic, beta 2 (neuronal)

Omim ID[118507 605375](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Neuronal acetylcholine receptors are homo- or heteropentameric complexes composed of homologous alpha and beta subunits. They belong to a superfamily of ligand-gated ion channels which allow the flow of sodium and potassium across the plasma membrane in response to ligands such as acetylcholine and nicotine. This gene encodes one of several beta subunits. Mutations in this gene are associated with autosomal dominant nocturnal frontal lobe epilepsy. [provided by RefSeq]

Other Designations

OTTHUMP00000035374|cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal)|neuronal nicotinic acetylcholine receptor beta 2

Disease

- [Alcoholism](#)

- [Alcohol-Related Disorders](#)
- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Bipolar Disorder](#)
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