

Summary

Production Name	AChR α 5 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CHRNA5
Alternative Names	CHRNA5; NACHRA5; Neuronal acetylcholine receptor subunit alpha-5
Gene ID	1138.0
SwissProt ID	P30532.The antiserum was produced against synthesized peptide derived from human AChRalpha5. AA range:166-215

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000
Molecular Weight	53kD

Background

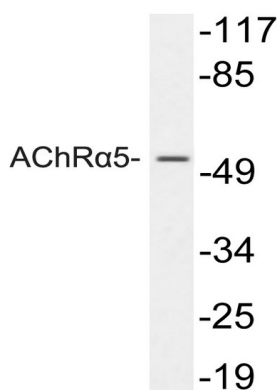
Product Name: AChR α 5 Rabbit Polyclonal Antibody
Catalog #: APRab06499



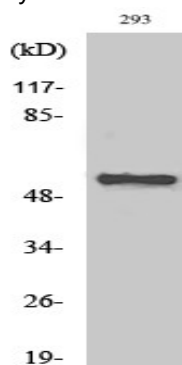
The protein encoded by this gene is a nicotinic acetylcholine receptor subunit and a member of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. These receptors are thought to be heteropentamers composed of separate but similar subunits. Defects in this gene have been linked to susceptibility to lung cancer type 2 (LNCR2). [provided by RefSeq, Jun 2010], disease: Genetic variations in CHRNA5 may be associated with susceptibility to lung cancer type 2 (LNCR2) [MIM:612052], 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, similarity: Belongs to the ligand-gated ionic channel (TC 1.A.9) family, subunit: Neuronal AChR seems to be composed of two different type of subunits: alpha and non-alpha (beta),

Research Area

Image Data



Western blot analysis of lysates from 293 cells, using AChR α 5 antibody.



Western Blot analysis of various cells using AChR α 5 Polyclonal Antibody

Note

For research use only.