

Product name:	AChRα5 Rabbit Polyclonal Antibody
Cat number:	ABN06499
Conjugate:	Unconjugated
Size:	100μL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human AChRα5. AA range:166-215
Reactivity:	Human,Mouse,Rat,Monkey
Applications:	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight:	53kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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).,