

AChR α 10 Rabbit Polyclonal Antibody

Catalog# UZ-PA00321

Product information

产品货号	UZ-PA00321
别名	CHRNA10; NACHRA10; Neuronal acetylcholine receptor subunit alpha-10; Nicotinic acetylcholine receptor subunit alpha-10; NACHR alpha-10
产品名称	AChR α 10 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CHRNA10
推荐应用	WB,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N
Human Gene ID	57053
Human Swissprot No.	Q9GZZ6
免疫原	The antiserum was produced against synthesized peptide derived from human CHRNA10. AA range:394-443
稀释度	WB 1:500-1:2000, ELISA 1:20000.Not yet tested in other applications.
预测分子量	50kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	function:Ionotropic receptor with a probable role in the modulation of auditory stimuli. Agonist binding may induce an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. The channel is permeable to a range of divalent cations including calcium, the influx of which may activate a potassium current which hyperpolarizes the cell membrane. In the ear, this may lead to a reduction in basilar membrane motion, altering the activity of auditory nerve fibers and reducing the range of dynamic hearing. This may protect against acoustic trauma.,miscellaneous:The hetero-oligomeric receptor composed of CHRNA9 and CHRNA10 has an atypical pharmacological profile, binding several non-nicotinic ligands including strychnine (a glycine receptor antagonist) and atropine (a muscarinic acetylcholine receptor antagonist),similarity:Belongs to the ligand-gated ionic channel (TC 1.A.9) family.,subunit:Forms hetero-oligomeric channels in conjunction with CHRNA9. The native outer hair cell receptor may be composed of CHRNA9-CHRNA10 hetero-oligomers.,tissue specificity:Expressed in inner-ear tissue, tonsil, immortalized B-cells, cultured T-cells and peripheral blood lymphocytes.,
细胞定位	Cell junction, synapse, postsynaptic cell membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal