

产品名称: AChR α 10 Rabbit Polyclonal Antibody
产品货号: APRab06497



产品概述 (Summary)

产品名称 (Production Name)	AChR α 10 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CHRNA10
别名 (Alternative Names)	CHRNA10; NACHRA10; Neuronal acetylcholine receptor subunit alpha-10; Nicotinic acetylcholine receptor subunit alpha-10; NACHR alpha-10
基因 ID (Gene ID)	57053.0
蛋白 ID (SwissProt ID)	Q9GZZ6.The antiserum was produced against synthesized peptide derived from human CHRNA10. AA range:394-443

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	50kDa

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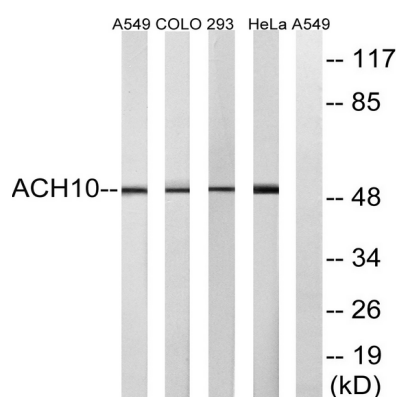
研究背景 (Background)

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., 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.,

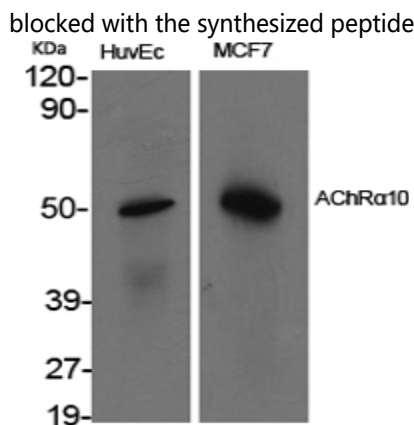
研究领域 (Research Area)

图片 (Image Data)

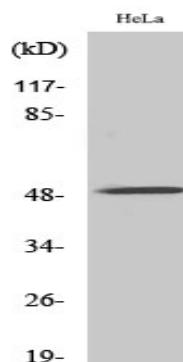
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Western blot analysis of lysates from HeLa, 293, COLO, and A549 cells, using CHRNA10 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using AChR α 10 Polyclonal Antibody



Western Blot analysis of A549 cells using AChR α 10 Polyclonal Antibody

注意事项 (Note)

For research use only .