

产品名称: AChR α 3 Rabbit Polyclonal Antibody
产品货号: APRab06498



产品概述 (Summary)

产品名称 (Production Name)	AChR α 3 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)	CHRNA3
别名 (Alternative Names)	CHRNA3; NACHRA3; Neuronal acetylcholine receptor subunit alpha-3
基因 ID (Gene ID)	1136.0
蛋白 ID (SwissProt ID)	P32297.The antiserum was produced against synthesized peptide derived from human AChRalpha3. AA range:90-139

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	57kDa

研究背景 (Background)

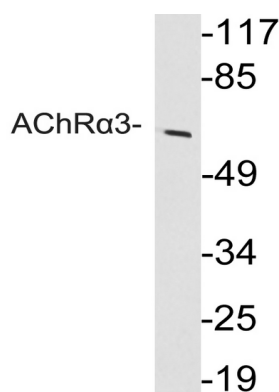
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This locus encodes a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha and beta subunits. This locus encodes an alpha-type subunit, as it contains characteristic adjacent cysteine residues. The encoded protein is a ligand-gated ion channel that likely plays a role in neurotransmission. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer. Alternatively spliced transcript variants have been described. [provided by RefSeq, Nov 2009],disease:Genetic variations in CHRNA3 may be associated with susceptibility to lung cancer type 2 (LNCR2) [MIM:612052],disease:Genetic variations in CHRNA3 may be associated with susceptibility to peripheral arterial occlusive disease type 2 (PAOD2) [MIM:612052]. PAOD results from atherosclerosis of large and medium peripheral arteries, as well as the aorta. Many risk factors contribute to PAOD, including smoking, diabetes, hypertension, and hyperlipidemia. PAOD often coexists with coronary artery disease and cerebrovascular disease.,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 is composed of two different types of subunits: alpha and beta. Alpha-3 subunit can be combined to beta-2 or beta-4 to give rise to functional receptors. Interacts with RIC3; which is required for proper folding and assembly.,

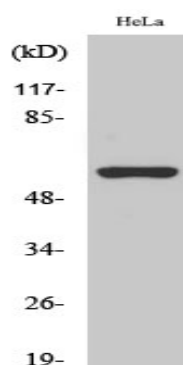
研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysate from HeLa cells, using AChR α 3 antibody.

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Western Blot analysis of various cells using AChR α 3 Polyclonal Antibody

注意事项 (Note)

For research use only .