



ACHB4 rabbit pAb

Cat No.:ES9919

For research use only

Overview

Product Name	ACHB4 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 300-380
Specificity	ACHB4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Neuronal acetylcholine receptor subunit beta-4
Gene Name	CHRNB4
Cellular localization	Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	54kD
Human Gene ID	1143
Human Swiss-Prot Number	P30926
Alternative Names	
Background	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





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subunits: alpha and beta. Beta-4 subunit can be combined to alpha-2, alpha-3 or alpha-4 to give rise to functional receptors. Interacts with RIC3; which is required for proper folding and assembly.,



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