

Anti-ACh alpha antibody



Description	Rabbit polyclonal to AChRalpha1.
Model	STJ91445
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human AChRalpha1.
Immunogen Region	Internal
Gene ID	1134
Gene Symbol	CHRNA1
Dilution range	IHC 1:100-1:300ELISA 1:10000
Specificity	AChRalpha1 Polyclonal Antibody detects endogenous levels of AChRalpha1 protein.
Tissue Specificity	Isoform 1 is only expressed in skeletal muscle. Isoform 2 is constitutively expressed in skeletal muscle, brain, heart, kidney, liver, lung and thymus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Acetylcholine receptor subunit alpha
Molecular Weight	55 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1955OMIM:100690
Alternative Names	Acetylcholine receptor subunit alpha
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.
Cellular Localization	Cell junction, synapse, postsynaptic cell membrane. Multi-pass membrane protein. Cell membrane. Multi-pass membrane protein.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com