



# AChR $\alpha$ 1 rabbit pAb

Cat No.:ES4640

For research use only

## Overview

<b>Product Name</b>	AChR $\alpha$ 1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human AChR $\alpha$ 1. AA range:168-217
<b>Specificity</b>	AChR $\alpha$ 1 Polyclonal Antibody detects endogenous levels of AChR $\alpha$ 1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Acetylcholine receptor subunit alpha
<b>Gene Name</b>	CHRNA1
<b>Cellular localization</b>	Cell junction, synapse, postsynaptic cell membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	1134
<b>Human Swiss-Prot Number</b>	P02708
<b>Alternative Names</b>	CHRNA1; ACHRA; CHNRA; Acetylcholine receptor subunit alpha
<b>Background</b>	The muscle acetylcholine receptor consists of 5 subunits of 4 different types: 2 alpha subunits and 1 each of the beta, gamma, and delta subunits. This gene encodes an alpha subunit that plays a role in

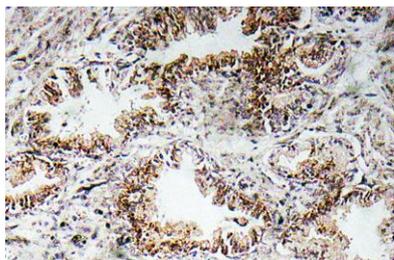




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acetylcholine binding/channel gating. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Nov 2012],

Immunohistochemistry analysis of AChR $\alpha$ 1 antibody in paraffin-embedded human prostate carcinoma tissue.



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