

AP42286PU-N**Polyclonal Antibody to AChE Q subunit - Aff - Purified**

Alternate names:	Acetylcholinesterase collagenic tail peptide, Acetylcholinesterase-associated collagen, COLQ
Quantity:	0.1 mg
Background:	COLQ encodes the subunit of a collagen-like molecule associated with acetylcholinesterase in skeletal muscle. Each molecule is composed of three identical subunits. Each subunit contains a proline-rich attachment domain (PRAD) that binds an acetylcholinesterase tetramer to anchor the catalytic subunit of the enzyme to the basal lamina. Mutations in COLQ are associated with endplate acetylcholinesterase deficiency.
Uniprot ID:	Q9Y215
NCBI:	NP_005668
GeneID:	8292
Host:	Rabbit
Immunogen:	The immunogen for anti-COLQ antibody: synthetic peptide directed towards the N terminal of human COLQ. AA Sequence: LQLFFLSIVSQPTFINSVLPISAALPSLDQKKRGGHKACCLLTTPPPPLF
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Purified using Protein A affinity column
Applications:	Western blotting (1 - 4 µg/ml) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Species Reactivity:	Tested: Human Expected from sequence similarity: Mouse, Rat
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Ting,A.K., et al., (2005) Chem. Biol. Interact. 157-158, 63-70

Pictures:

WB Suggested Anti-COLQ Antibody;
Titration: 1.25 ug/ml; Positive Control:
HepG2 Whole Cell

