

Datasheet for ABIN2775748
anti-COLQ antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	COLQ
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COLQ antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human COLQ
Sequence:	LQLFFLSIVS QPTFINSVLP ISAALPSLDQ KKRGGHKACC LLTPPPPLF
Predicted Reactivity:	Cow: 86%, Horse: 93%, Human: 100%, Mouse: 92%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against COLQ. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	COLQ
Alternative Name:	COLQ (COLQ Products)

Target Details

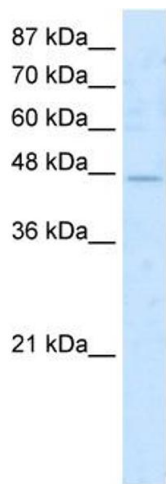
Background:	<p>COLQ encodes the subunit of a collagen-like molecule associated with acetylcholinesterase in skeletal muscle. Each molecule is composed of three identical subunits. Each subunit contains a proline-rich attachment domain (PRAD) that binds an acetylcholinesterase tetramer to anchor the catalytic subunit of the enzyme to the basal lamina. Mutations in COLQ are associated with endplate acetylcholinesterase deficiency.</p> <p>Alias Symbols: EAD</p> <p>Protein Interaction Partner: UBC, MUSK, BCHE, ACHE,</p> <p>Protein Size: 455</p>
Molecular Weight:	48 kDa
Gene ID:	8292
NCBI Accession:	NM_005677 , NP_005668
UniProt:	Q6DK18

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 455 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-COLQ Antibody Titration: 1.25 ug/ml Positive Control: HepG2 Whole Cell