

Rabbit COLQ Polyclonal Antibody | anti-COLQ antibody

COLQ antibody - N-terminal region

CATALOG # AAA197784	HOST Rabbit	REACTIVITY Cow, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

COLQ; Polyclonal Antibody; COLQ antibody - N-terminal region; anti-COLQ antibody

PRODUCT SPECIFICATIONS

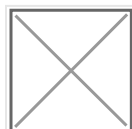
Host	Rabbit
Reactivity	Cow, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LQ LFFLSIVSQP TFINSVLPIS AALPSLDQKK RGGHKACCLL TPPPPPLF
Sequence Length	329
Applicable Applications for anti-COLQ antibody	WB (Western Blot)
Homology	Cow: 86%; Horse: 93%; Human: 100%; Mouse: 92%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human COLQ
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-COLQ Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: COLQ
Sample Type: Human Adult Placenta
Antibody Dilution: 1.0ug/ml

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ADDITIONAL INFORMATION

Related Product Information for anti-COLQ antibody	This is a rabbit polyclonal antibody against COLQ. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-COLQ antibody	Polyclonal; Transcription Factor; Neurobiology; Neuroscience; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	18105030
NCBI GeneID	8292
NCBI Accession #	NP_536805
NCBI GenBank Nucleotide #	NM_080544
UniProt Accession #	Q9Y215
Molecular Weight	34kDa
NCBI Official Synonym Full Names	collagen like tail subunit of asymmetric acetylcholinesterase
NCBI Official Symbol	COLQ
NCBI Official Synonym Symbols	EAD; CMS5
NCBI Protein Information	acetylcholinesterase collagenic tail peptide
UniProt Protein Name	Acetylcholinesterase collagenic tail peptide
UniProt Gene Name	COLQ
UniProt Entry Name	COLQ_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.