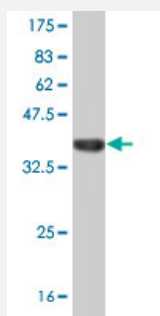


COLQ polyclonal antibody (A01)

Catalog # H00008292-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant COLQ.
Immunogen	COLQ (NP_005668, 356 a.a. ~ 455 a.a) partial recombinant protein with GST tag.
Sequence	PIQLTPFYPVDYTADQHGTCTGDGLLQPGEECDGNSDVGGDCIRCHRAYCGDGHRHEGVEDCD GSDFGYLTCETYLPGSYGDLQCTQYCYIDSTPCRYFT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (80)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — COLQ

Entrez GeneID [8292](#)

GeneBank Accession# [NM_005677](#)

Protein Accession# [NP_005668](#)

Gene Name COLQ

Gene Alias EAD

Gene Description collagen-like tail subunit (single strand of homotrimer) of asymmetric acetylcholinesterase

Omim ID [603033 603034](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene 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 this gene are associated with end plate acetylcholinesterase deficiency. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations AChE Q subunit|acetylcholinesterase collagen-like tail subunit|acetylcholinesterase-associated collagen|collagenic tail of endplate acetylcholinesterase|single strand of homotrimeric collagen-like tail subunit of asymmetric acetylcholinesterase