

COLQ rabbit pAb

Cat No.:ES17304

For research use only

Overview

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|--------------------------|---|
| Product Name | COLQ rabbit pAb |
| Host species | Rabbit |
| Applications | IHC;IF;WB |
| Species Cross-Reactivity | Human; Mouse; Rat |
| Recommended dilutions | IHC-p 1:50-200, WB 1:500-2000 |
| Immunogen | Synthesized peptide derived from human COLQ |
| Specificity | This antibody detects endogenous levels of human COLQ |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | COLQ |
| Gene Name | COLQ |
| Cellular localization | Cell junction, synapse. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 50kD |
| Human Gene ID | 8292 |
| Human Swiss-Prot Number | Q9Y215 |
| Alternative Names | Acetylcholinesterase collagenic tail peptide (AChE Q subunit;Acetylcholinesterase-associated collagen) |
| Background | 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 endplate acetylcholinesterase deficiency. Multiple transcript |



variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

