

COLQ Polyclonal Antibody

Description

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| Product type | Primary Antibody |
| Code | BT-AP15072 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 100ul, 50ul, 20ul |
| Immunogen | Synthesized peptide derived from human COLQ |
| Mol wt | N/A |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | IHC-p, IF, WB |
| Concentration | 1 mg/ml |
| Full name | COLQ |
| Synonyms | COLQ; Acetylcholinesterase collagenic tail peptide; AChE Q subunit; Acetylcholinesterase-associated collagen |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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