

ARMCX3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18534b**Specification**

ARMCX3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9UH62](#)**ARMCX3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 51566**Other Names**

Armadillo repeat-containing X-linked protein 3, ARM protein lost in epithelial cancers on chromosome X 3, Protein ALEX3, ARMCX3, ALEX3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ARMCX3 Antibody (C-term) Blocking Peptide - Protein Information**Name** ARMCX3**Synonyms** ALEX3**Function**

Regulates mitochondrial aggregation and transport in axons in living neurons. May link mitochondria to the TRAK2-kinesin motor complex via its interaction with Miro and TRAK2. Mitochondrial distribution and dynamics is regulated through ARMCX3 protein degradation, which is promoted by PCK and negatively regulated by WNT1. Enhances the SOX10-mediated transactivation of the neuronal acetylcholine receptor subunit alpha-3 and beta-4 subunit gene promoters.

Cellular Location

Mitochondrion outer membrane {ECO:0000250|UniProtKB:Q8BHS6}; Single-pass membrane protein. Cytoplasm {ECO:0000250|UniProtKB:Q8BHS6}. Nucleus {ECO:0000250|UniProtKB:Q8BHS6}

ARMCX3 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ARMCX3 Antibody (C-term) Blocking Peptide - Images

ARMCX3 Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the ALEX family of proteins which may play a role in tumor suppression. The encoded protein contains a potential N-terminal transmembrane domain and a single Armadillo (arm) repeat. Other proteins containing the arm repeat are involved in development, maintenance of tissue integrity, and tumorigenesis. This gene is closely localized with other family members on the X chromosome. Three transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq].

ARMCX3 Antibody (C-term) Blocking Peptide - References

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