

**ARMCX2 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10163a****Specification**

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**ARMCX2 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [O7L311](#)  
Other Accession [NP\\_808818.1](#), [NP\\_055597.1](#)

**ARMCX2 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 9823

**Other Names**

Armadillo repeat-containing X-linked protein 2, ARM protein lost in epithelial cancers on chromosome X 2, Protein ALEX2, ARMCX2, ALEX2, KIAA0512

**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.

**ARMCX2 Antibody (N-term) Blocking peptide - Protein Information**

**Name** ARMCX2

**Synonyms** ALEX2, KIAA0512

**Function**

May regulate the dynamics and distribution of mitochondria in neural cells.

**Cellular Location**

Mitochondrion {ECO:0000250|UniProtKB:Q6A058}. Mitochondrion outer membrane {ECO:0000250|UniProtKB:Q8BHS6}; Single- pass membrane protein

**Tissue Location**

Expressed at high levels ovary, heart, testis, prostate, brain, spleen and colon. Expressed at very low levels in liver and thymus. Not expressed in peripheral blood leukocytes. Not expressed in pancreas and ovarian carcinomas

**ARMCX2 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **ARMCX2 Antibody (N-term) Blocking peptide - Images**

#### **ARMCX2 Antibody (N-term) Blocking peptide - Background**

This gene encodes a member of the ALEX family of proteins and 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, including ALEX1 and ALEX3, on the X chromosome. Two alternative transcripts that encode the same protein but differ in the 5' UTR have been described. Additional alternative transcripts may exist but their full length natures have not been determined. A pseudogene for this locus is located on chromosome 7. [provided by RefSeq].

#### **ARMCX2 Antibody (N-term) Blocking peptide - References**

Ross, M.T., et al. Nature 434(7031):325-337(2005) Goehler, H., et al. Mol. Cell  
15(6):853-865(2004) Kurochkin, I.V., et al. Biochem. Biophys. Res. Commun. 280(1):340-347(2001)