

**ARMCX1 Polyclonal Antibody**  
**Catalog # AP68514****Specification**

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**ARMCX1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IF
Primary Accession	<a href="#">Q9P291</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**ARMCX1 Polyclonal Antibody - Additional Information****Gene ID** 51309**Other Names**

ARMCX1; ALEX1; AD032; Armadillo repeat-containing X-linked protein 1; ARM protein lost in epithelial cancers on chromosome X 1; Protein ALEX1

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.  
IHC-P~~N/A  
IF~~1:50~200

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**ARMCX1 Polyclonal Antibody - Protein Information****Name** ARMCX1**Synonyms** ALEX1**Function**

Regulates mitochondrial transport during axon regeneration. Increases the proportion of motile mitochondria by recruiting stationary mitochondria into the motile pool. Enhances mitochondria movement and neurite growth in both adult axons and embryonic neurons. Promotes neuronal survival and axon regeneration after nerve injury. May link mitochondria to the Trak1-kinesin motor complex via its interaction with MIRO1.

**Cellular Location**

Mitochondrion {ECO:0000250|UniProtKB:Q9CX83}. Mitochondrion outer membrane {ECO:0000250|UniProtKB:Q9CX83}; Single-pass membrane protein

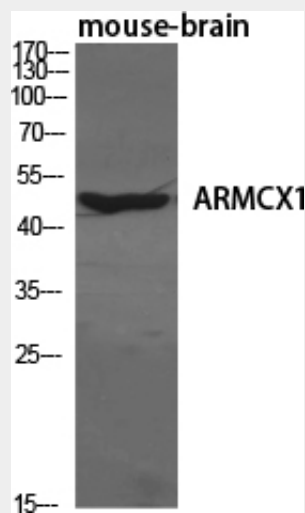
**Tissue Location**

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 or reduced expressed in lung, prostate, colon, pancreas and ovarian carcinomas.

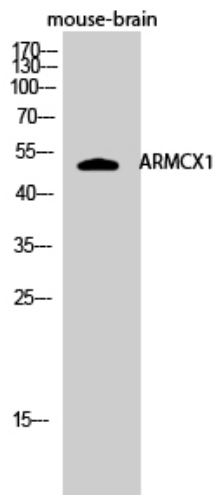
**ARMCX1 Polyclonal Antibody - Protocols**

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

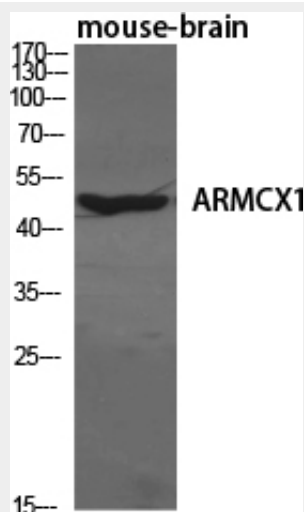
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ARMCX1 Polyclonal Antibody - Images**

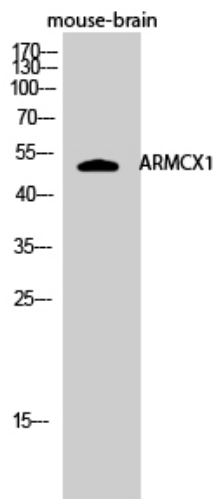
Western Blot analysis of various cells using ARM CX1 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of mouse-brain cells using ARM CX1 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of various cells using ARM CX1 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of mouse-brain cells using ARM CX1 Polyclonal Antibody diluted at 1:1000

### **ARM CX1 Polyclonal Antibody - Background**

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