

Armcx1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12775

Product Information

Application	WB
Primary Accession	Q9CX83
Other Accession	NM_030066 , NP_084342
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50643

Additional Information

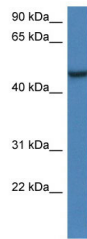
Gene ID	78248
Alias Symbol	3010033I09Rik, ALEX1
Other Names	Armadillo repeat-containing X-linked protein 1, Armcx1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Armcx1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Armcx1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Armcx1
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. Mitochondrion outer membrane; Single-pass membrane protein
Tissue Location	Widely expressed in the adult nervous tissue, especially in the forebrain,

including the cerebral cortex, hippocampus and thalamus.

Images



WB Suggested Anti-Armcx1 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.