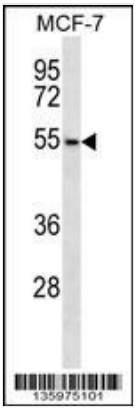
ARMCX1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARMCX1, Polyclonal Antibody
Full Product Name	ARMCX1, ID (ARMCX1, ALEX1, Armadillo repeat-containing X-linked protein 1, ARM protein lost in epithelial cancers on chromosome X 1) (AP)
Product Gene Name	anti-ARMCX1 antibody
Product Synonym Names	ARMCX1; ALEX1; Armadillo repeat-containing X-linked protein 1; ARM protein lost in epithelial cancers on chromosome X 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	49,180 Da
Chromosome Location	Chromosome: X; NC_000023.10 (100805514..100809683). Location: Xq21.33-q22.2
OMIM	300362
3D Structure	ModBase 3D Structure for Q9P291
Immunogen	ARMCX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 238-268 amino acids from the Central region of human ARMCX1.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-ARMCX1 antibody	Antibodies; Cancer Markers
Applications Tested/Suitable for anti-ARMCX1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-ARMCX1 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ARMCX1 antibody	ARMCX1 is 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 two Armadillo (arm) repeats. 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 ALEX2 and ALEX3, on the X chromosome. [provided by RefSeq].
Product References and Citations for anti-ARMCX1 antibody	Iseki, H., et al. Cancer Sci. 101(6):1361-1366(2010). Ross, M.T., et al. Nature 434(7031):325-337(2005). Kurochkin, I.V., et al. Biochem. Biophys. Res. Commun. 280(1):340-347(2001).

Other Notes	Small volumes of anti-ARMCX1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ARMCX1 purchase	MBS6275270 is an antibody targeting ARMCX1. Also known as ARMCX1, ID (ARMCX1, ALEX1, Armadillo repeat-containing X-linked protein 1, ARM protein lost in epithelial cancers on chromosome X 1) (AP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ARMCX1 antibody
ARMCX1 Antibody (Center) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the ARMCX1 antibody detected the ARMCX1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARMCX1. It may not necessarily be applicable to this product.

NCBI GI #	7706143
NCBI GeneID	51309
NCBI Accession #	NP_057692.1
UniProt Primary Accession #	Q9P291
UniProt Secondary Accession #	Q53HK2; Q9H2Q0
UniProt Related Accession #	Q9P291
GenBank Nucleotide #	NM_016608.1
NCBI Official Full Name	armadillo repeat-containing X-linked protein 1
NCBI Official Synonym Full Names	armadillo repeat containing, X-linked 1
NCBI Official Symbol	ARMCX1
NCBI Official Synonym Symbols	ALEX1
UniProt Protein Name	Armadillo repeat-containing X-linked protein 1
UniProt Synonym Protein Names	ARM protein lost in epithelial cancers on chromosome X 1
Protein Family	Armadillo repeat-containing X-linked protein
UniProt Gene Name	ARMCX1
UniProt Synonym Gene Names	ALEX1; Protein ALEX1
UniProt Entry Name	ARMX1_HUMAN
NCBI Protein Information	armadillo repeat-containing X-linked protein 1; arm protein lost in epithelial cancers, X chromosome, 1; ARM protein lost in epithelial cancers on chromosome X 1

NCBI Summary for ARMCX1	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 two Armadillo (arm) repeats. 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 ALEX2 and ALEX3, on the X chromosome. [provided by RefSeq, Jul 2008]
UniProt Comments for ARMCX1	ARMCX1: Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: Xq22.1 Cellular Component: integral to membrane
Research Articles on ARMCX1	**1.** Findings suggest that overexpression of ALEX1 (armadillo repeat containing, X-linked [ARMCX]) plays a negative role in colorectal tumorigenesis.
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