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ARMCX1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ARMCX1.
Catalog # AT1197a

Product Information

Application	WB, E
Primary Accession	Q9P291
Other Accession	NM_016608
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG3 Kappa
Clone Names	6E11
Calculated MW	49180

Additional Information

Gene ID	51309
Other Names	Armadillo repeat-containing X-linked protein 1, ARM protein lost in epithelial cancers on chromosome X 1, Protein ALEX1, ARMCX1, ALEX1
Target/Specificity	ARMCX1 (NP_057692, 188 a.a. ~ 295 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	ARMCX1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

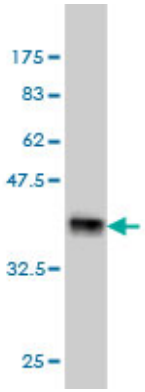
This gene encodes a member of the ALEX family of proteins and may play a role in tumor suppression. The encoded protein contains a potential N-terminal transmembrane domain and two Armadillo (arm) repeats. Other proteins containing the arm repeat are involved in development, maintenance of tissue integrity, and tumorigenesis. This gene is closely localized with other family members, including ALEX2 and ALEX3, on the X chromosome.

References

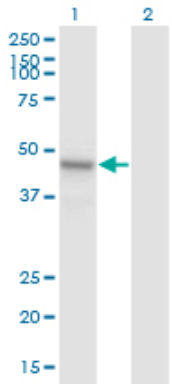
Human Arm protein lost in epithelial cancers, on chromosome X 1 (ALEX1) gene is transcriptionally regulated

by CREB and Wnt/beta-catenin signaling. Iseki H, et al. Cancer Sci, 2010 Jun. PMID 20398052.Signal sequence and keyword trap in silico for selection of full-length human cDNAs encoding secretion or membrane proteins from oligo-capped cDNA libraries. Otsuki T, et al. DNA Res, 2005. PMID 16303743.The DNA sequence of the human X chromosome. Ross MT, et al. Nature, 2005 Mar 17. PMID 15772651.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.

Images

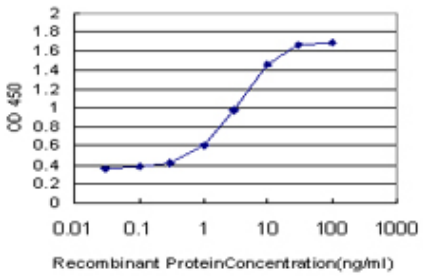


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.62 KDa) .



Western Blot analysis of ARMCX1 expression in transfected 293T cell line by ARMCX1 monoclonal antibody (M01), clone 6E10.

Lane 1: ARMCX1 transfected lysate (Predicted MW: 49.2 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged ARMCX1 is approximately 0.03ng/ml as a capture antibody.

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