



ARMCX1 Polyclonal Antibody

Catalog No	YP-Ab-03714
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	ARMCX1
Immunogen	The antiserum was produced against synthesized peptide derived from human ARMX1. AA range:1-50
Specificity	ARMCX1 Polyclonal Antibody detects endogenous levels of ARMCX1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	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.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ALEX1;ARMCX1;Protein ALEX1;Armadillo repeat-containing X-linked protein 1; AD032;ARM protein lost in epithelial cancers on chromosome X 1
Observed Band	49kD
Calculated Molecular Weight	49kD
Cell Pathway	Mitochondrion . Mitochondrion outer membrane ; Single-pass membrane protein .
Tissue Specificity	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.
Function	similarity:Contains 3 ARM repeats.,tissue specificity: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.,



Background

armadillo repeat containing, X-linked 1 (ARMCX1) Homo sapiens 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],

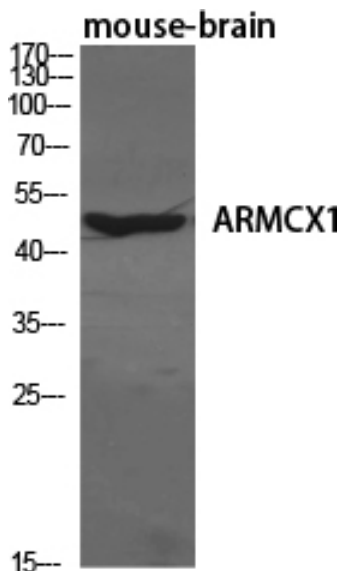
matters needing attention

Avoid repeated freezing and thawing!

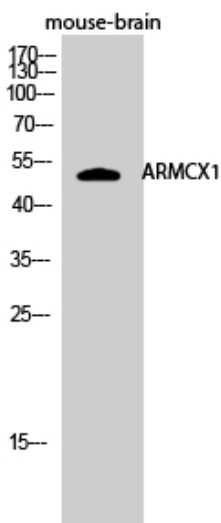
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

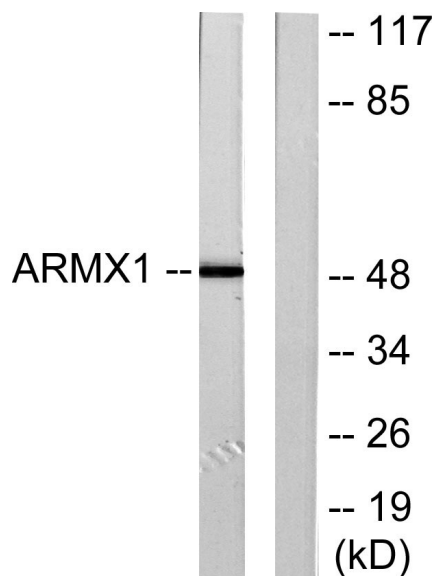
Products Images



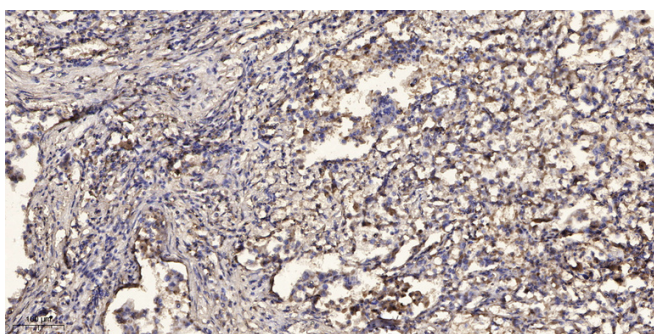
Western Blot analysis of various cells using ARM CX1 Polyclonal Antibody diluted at 1:1000



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



Western blot analysis of lysates from rat brain cells, using ARMX1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).