

Anti-ARMCX2 Antibody

Catalog # AP60076

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q7L311
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65683

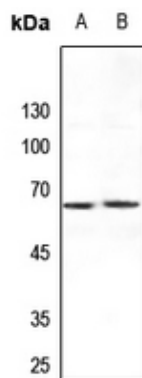
Additional Information

Gene ID	9823
Other Names	ALEX2; KIAA0512; Armadillo repeat-containing X-linked protein 2; ARM protein lost in epithelial cancers on chromosome X 2; Protein ALEX2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ARMCX2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

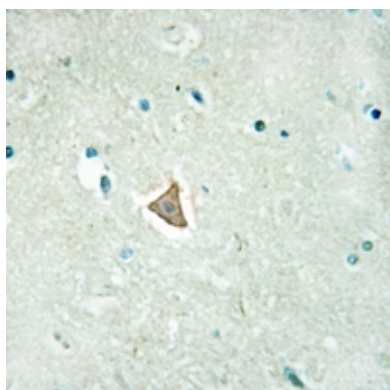
Protein Information

Name	ARMCX2
Synonyms	ALEX2, KIAA0512
Function	May regulate the dynamics and distribution of mitochondria in neural cells.
Cellular Location	Mitochondrion {ECO:0000250 UniProtKB:Q6A058}. Mitochondrion outer membrane {ECO:0000250 UniProtKB:Q8BHS6}; 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 expressed in pancreas and ovarian carcinomas

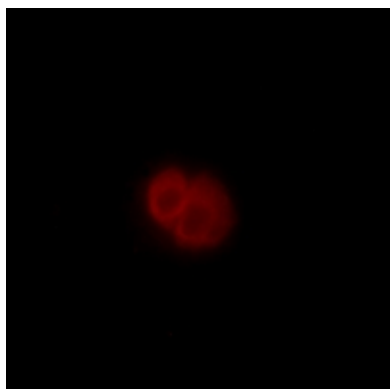
Images



Western blot analysis of ARM CX2 expression in mouse kidney (A), rat kidney (B) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 66 kD)



Immunohistochemical analysis of ARM CX2 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of ARM CX2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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