ARG54646
anti-ATP11B antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ATP11B
Tested Reactivity	Hu, Ms
Tested Application	ELISA, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ATP11B
Species	Human
Immunogen	Synthetic peptide (19 aa) within aa. 290-340 of Human ATP11B protein.
Conjugation	Un-conjugated
Alternate Names	ATPIF; Probable phospholipid-transporting ATPase IF; ATPase IR; ATPase class VI type 11B; ATPIR; EC 3.6.3.1; P4-ATPase flippase complex alpha subunit ATP11B

Application Instructions

Application table

Application	Dilution
ELISA	Assay-dependent
ICC/IF	10 µg/ml - 20 µg/ml
WB	1 µg/ml

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	K562 Cell Lysate

Properties

Form	Liquid
Purification	Immunogen affinity purified
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

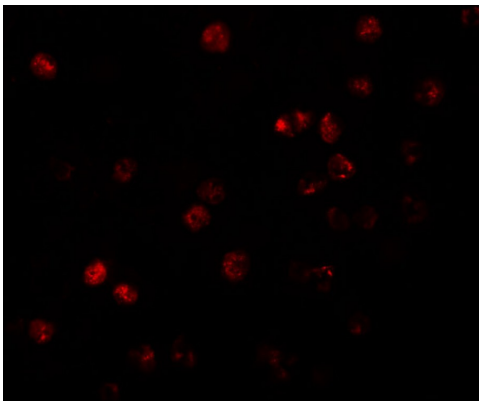
Bioinformation

Database links	GeneID: 23200 Human Swiss-port # Q9Y2G3 Human
Gene Symbol	ATP11B
Gene Full Name	ATPase, class VI, type 11B
Background	ATP11B Antibody: ATP11B is a widely expressed integral membrane ATPase and is thought to drive the transport of phospholipids across membranes. It has been suggested that ATP11B is hormonally regulated and plays a role in the subnuclear trafficking of transcription factors with RING motifs. While the exact molecule ATP11B transports is unknown, increased mRNA expression of the homologous ATP11A has been observed in cells resistant to anti-cancer drugs such as farnesyltransferase inhibitors (FTIs), suggesting that ATP11B may also play a role in cell survival under harsh conditions.
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	134 kDa

Images

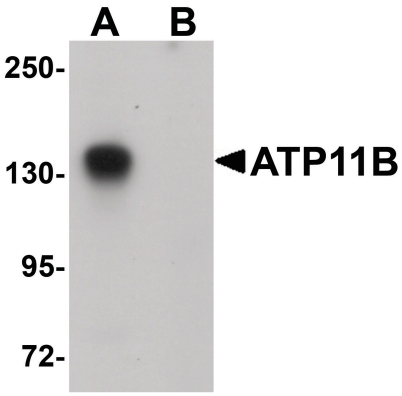
ARG54646 anti-ATP11B antibody ICC/IF image

Immunocytochemistry: ATP11B in K562 cells stained with ARG54646 anti-ATP11B antibody at 10 µg/ml.



ARG54646 anti-ATP11B antibody ICC/IF image

Immunofluorescence: ATP11B in K562 cells stained with ARG54646 anti-ATP11B antibody at 20 µg/ml.



ARG54646 anti-ATP11B antibody WB image

Western blot: 1) K562 cell tissue lysate without blocking peptide 2) K562 cell tissue lysate with blocking peptide stained with ARG54646 anti-ATP11B antibody.
Lysates/proteins at 15 µg per lane.