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ATP11B antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12742

Product Information

Application	WB
Primary Accession	Q9Y2G3
Other Accession	NM_014616, NP_055431
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Mouse, Rat, Chicken, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	134190

Additional Information

Gene ID	23200
Alias Symbol	ATPIF, ATPIR, DKFZP434J238, DKFZP434N1615, KIAA0956, MGC46576
Other Names	Probable phospholipid-transporting ATPase IF, 3.6.3.1, ATPase IR, ATPase class VI type 11B, P4-ATPase flippase complex alpha subunit ATP11B, ATP11B, ATPIF, ATPIR, KIAA0956
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ATP11B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	ATP11B antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

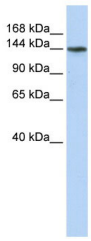
Name	ATP11B
Synonyms	ATPIF, ATPIR, KIAA0956
Function	Catalytic component of a P4-ATPase flippase complex which catalyzes the hydrolysis of ATP coupled to the transport of aminophospholipids, phosphatidylserines (PS) and phosphatidylethanolamines (PE), from the outer to the inner leaflet of intracellular membranes (PubMed:30018401). May contribute to the maintenance of membrane lipid asymmetry in endosome compartment (PubMed:30018401).

Cellular Location	Recycling endosome membrane; Multi-pass membrane protein. Early endosome. Endoplasmic reticulum. Golgi apparatus, trans-Golgi network. Note=Exit from the endoplasmic reticulum requires the presence of CDC50A, but not CDC50B (PubMed:21914794). In the presence of CDC50A, mainly located in recycling endosomes (PubMed:21914794).

References

Muzny,D.M.,(2006)Nature440(7088),1194-1198ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1 week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-ATP11B Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Human Liver

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