

ATP11B antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12742**Specification**

ATP11B antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9Y2G3
Other Accession	NM_014616 , NP_055431
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rat, Chicken, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	134kDa KDa

ATP11B antibody - N-terminal region - 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.

ATP11B antibody - N-terminal region - 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

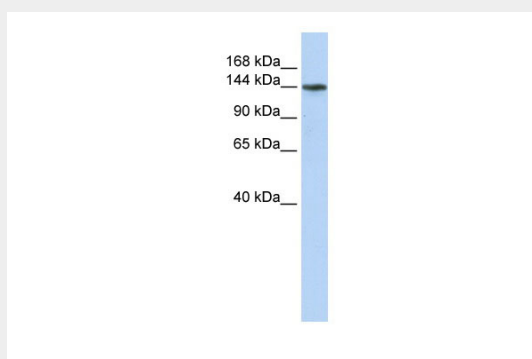
Recycling endosome membrane; Multi-pass membrane protein. Early endosome. Endoplasmic reticulum. Golgi apparatus, trans-Golgi network. Note=Exit from the endoplasmic reticulum requires the presence of TMEM30A, but not TMEM30B (PubMed:21914794). In the presence of TMEM30A, mainly located in recycling endosomes (PubMed:21914794).

ATP11B antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ATP11B antibody - N-terminal region - Images



WB Suggested Anti-ATP11B Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Human Liver

ATP11B antibody - N-terminal region - References

Muzny, D.M., (2006) Nature 440(7088), 1194-1198 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.