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ATP11C Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5446c

Specification

ATP11C Antibody (Center) Blocking peptide - Product Information

Primary Accession	Q8NB49
Other Accession	NP_001010986.1

ATP11C Antibody (Center) Blocking peptide - Additional Information

Gene ID 286410

Other Names
Phospholipid-transporting ATPase IG, ATPase IQ, ATPase class VI type 11C, P4-ATPase flippase complex alpha subunit ATP11C, ATP11C, ATPIG, ATPIQ

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ATP11C Antibody (Center) Blocking peptide - Protein Information

Name ATP11C {ECO:0000303|PubMed:26944472}

Synonyms ATPIG, ATPIQ

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 the plasma membrane (PubMed:24904167, PubMed:25315773, PubMed:26567335, PubMed:32493773). Major PS-flippase in immune cell subsets. In erythrocyte plasma membrane, it is required to maintain PS in the inner leaflet preventing its exposure on the surface. This asymmetric distribution is critical for the survival of erythrocytes in circulation since externalized PS is a phagocytic signal for erythrocyte clearance by splenic macrophages (PubMed:26944472). Required for B cell differentiation past the pro-B cell stage (By similarity). Seems to mediate PS flipping in pro-B cells (By similarity). May be involved in the transport of cholestatic bile acids (By similarity).

Cellular Location
Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Early endosome membrane; Multi-pass membrane protein. Recycling endosome membrane; Multi-pass membrane protein. Note=Efficient exit from the endoplasmic reticulum requires the presence of TMEM30A. Internalized via clathrin-dependent endocytosis in response to ca(2+) signaling induced by G-protein coupled serotonin and histamine receptors

Tissue Location
Widely expressed.

ATP11C Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

ATP11C Antibody (Center) Blocking peptide - Images