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Datasheet for ABIN7265757
anti-ATP11C antibody (AA 430-650)

1 Image

Overview

Quantity:	100 µL
Target:	ATP11C
Binding Specificity:	AA 430-650
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP11C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	ATP11C Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 430-650 of human ATP11C (NP_775965.2).
Sequence:	DGHKYKGVTDG EVDGLSQTGD TLTYFDKVDK NREELFLRAL CLCHTVEIKT NDAVDGATES AELTYISSSP DEIALVKGAK RYGFTFLGNR NGYMRVENQR KEIEEYELLH TLNFDVAVRRR MSVIVKTQEG DILLFCKGAD SAVFPRVQNH EIELTKVHVE RNAMDGYRTL CVAFKEIAPD DYERINRQLI EAKMALQDRE EKMEKVFDDI ETNMNLIGAT A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: ATP11C

Alternative Name: ATP11C ([ATP11C Products](#))

Background: 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. 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. 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. ATP11C,ATPIG,ATPIQ,Signal Transduction,Endocrine & Metabolism,Immunology & Inflammation,ATP11C

Molecular Weight: 126kDa/128kDa/129kDa

Gene ID: 286410

UniProt: [Q8NB49](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

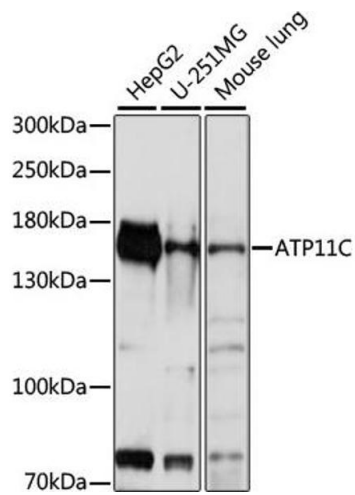
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using C antibody (ABIN7265757) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.