

Datasheet for ABIN783661
anti-ATP11B antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	ATP11B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP11B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	19 amino acid peptide near the amino terminus of human ATP11B
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	ATP11B
Alternative Name:	ATP11B (ATP11B Products)
Background:	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

Target Details

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. Synonyms: ATP1F, ATP1R, ATPase IR, ATPase class VI type 11B, KIAA0956, Probable phospholipid-transporting ATPase IF

Gene ID: 23200

NCBI Accession: [NP_055431](#)

UniProt: [Q9Y2G3](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide

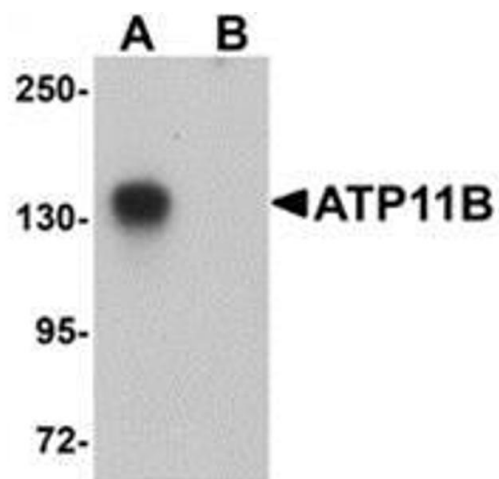
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



Western Blotting

Image 1. Western blot analysis of ATP11B in K562 cell tissue lysate with ATP11B antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence

Image 2. Immunocytochemistry of ATP11B in K562 cells with ATP11B antibody at 10 µg/ml.