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Datasheet for ABIN6991379
anti-ATP11A antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	ATP11A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP11A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	ATP11A antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human ATP11A. The immunogen is located within the first 50 amino acids of ATP11A.
Isotype:	IgG
Purification:	ATP11A Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ATP11A
Alternative Name:	ATP11A (ATP11A Products)
Background:	ATP11A Antibody: ATP11A is a widely expressed integral membrane ATPase. ATP11A is probably phosphorylated in its intermediate state and likely drives the transport of ions such as

Target Details

calcium or other molecules across membranes. While the exact molecule ATP11A transports is unknown, increased expression of ATP11A mRNA has been observed in murine leukemia cells made resistant to anti-cancer drugs such as farnesyltransferase inhibitors (FTIs). Furthermore, overexpression of ATP11A provided protection against the FTI SCH66336 while knockdown of ATP11A via siRNA made cells more sensitive to this drug. Other reports suggest that elevated levels of ATP11A mRNA may also be a predictive marker of metastasis in colorectal cancer patients.

Gene ID: 23250

NCBI Accession: [NP_115565](#)

UniProt: [P98196](#)

Application Details

Application Notes: ATP11A antibody can be used for detection of ATP11A by Western blot at 1 μ g/mL. Antibody can also be used for immunocytochemistry starting at 10 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: ATP11A Antibody is supplied in 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.

Storage: -20 °C, 4 °C

Storage Comment: ATP11A antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.