Datasheet for ABIN2782823

anti-ATP11B antibody (N-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	ATP11B
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Horse, Dog, Guinea Pig, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP11B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ATP11B
Sequence:	DIVRIAKDEI FPADLVLLSS DRLDGSCHVT TASLDGETNL KTHVAVPETA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against ATP11B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ATP11B

Target Details

Alternative Name:	ATP11B (ATP11B Products)
Background:	P-type ATPases, such as ATP11B, are phosphorylated in their intermediate state and drive uphill transport of ions across membranes. Several subfamilies of P-type ATPases have been identified. One subfamily transports heavy metal ions, such as Cu(2+) or Cd(2+). Another subfamily transports non-heavy metal ions, such as H(+), Na(+), K(+), or Ca(+). A third subfamily transports amphipaths, such as phosphatidylserine.P-type ATPases, such as ATP11B, are phosphorylated in their intermediate state and drive uphill transport of ions across membranes. Several subfamilies of P-type ATPases have been identified. One subfamily transports heavy metal ions, such as Cu(2+) or Cd(2+). Another subfamily transports non-heavy metal ions, such as H(+), Na(+), K(+), or Ca(+). A third subfamily transports amphipaths, such as phosphatidylserine.[supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-91 BI861412.1 1-91 92-104 AF156548.1 1-13 105-809 BC042180.1 105-809 810-1001 AF156548.1 719-910 1002-1244 BX489704.1 417-659 1245-1346 BF372979.1 79-180 1347-1791 BU431705.1 43-487 1792-4720 AB023173.1 22-2950 4721-6422 AL133061.1 2205-3906 6423-7314 AB023173.1 4651-5542 7315-7368 AL133061.1 4799-4852 Alias Symbols: ATPIF, ATPIR, DKFZP434J238, DKFZP434N1615, KIAA0956, MGC46576 Protein Interaction Partner: TMEM30A, UBC, Protein Size: 1177
Molecular Weight:	134 kDa
Gene ID:	23200
NCBI Accession:	NM_014616, NP_055431
UniProt:	Q9Y2G3

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1177 AA
Restrictions:	For Research Use only

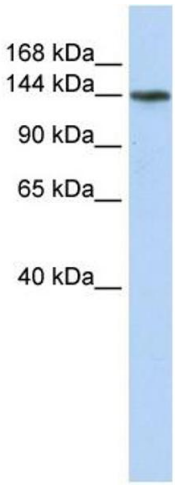
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

Images



Western Blotting

Image 1. WB Suggested Anti-ATP11B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Liver