



Mouse anti-Human ATP11B polyclonal antibody (DPAB-DC1062)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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, Feb 2005]
Immunogen	ATP11B (NP_055431, 1087 a.a. ~ 1177 a.a) partial recombinant protein with GST tag. The sequence is DIIKKVFDRLHPTSTEKAQLTETNAGIKCLDSMCCFPEGEAACASVGRMLERVIGRCSP THISRSWSASDPFYTNDRSILTLSTMDSSTC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ATP11B ATPase, class VI, type 11B [Homo sapiens (human)]
Official Symbol	ATP11B
Synonyms	ATP11B; ATPase, class VI, type 11B; ATPIF; ATPIR; probable phospholipid-transporting ATPase IF; ATPase IR; truncated ATPase 11B protein;
Entrez Gene ID	23200
Protein Refseq	NP_055431
UniProt ID	B4DKX1
Chromosome Location	3q27
Pathway	Ion channel transport; Transmembrane transport of small molecules;
Function	ATP binding; cation-transporting ATPase activity; ion transmembrane transporter activity; magnesium ion binding
