



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

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

PRODUCT INFORMATION

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| 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 DIIKKVFDRHLHPTSTKAQLTETNAGIKCLDSMCCFPEGEAACASVGRMLERVIGRCSP THISRSWSASDPFYTNDRSILTSTMDSSCTC |
| 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

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| Gene Name | ATP11B ATPase, class VI, type 11B [Homo sapiens (human)] |
| Official Symbol | ATP11B |
| Synonyms | ATP11B; ATPase, class VI, type 11B; ATP1F; ATP1R; probable phospholipid-transporting ATPase 1F; ATPase 1R; 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 |