

ATP1B1 Rabbit mAb
Catalog # AP75125**Specification**

ATP1B1 Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	P05026
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	35061

ATP1B1 Rabbit mAb - Additional Information**Gene ID** 481**Other Names**
ATP1B1**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
Liquid**ATP1B1 Rabbit mAb - Protein Information****Name** ATP1B1**Synonyms** ATP1B**Function**

This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane (PubMed:19694409). Plays a role in innate immunity by enhancing virus-triggered induction of interferons (IFNs) and interferon stimulated genes (ISGs). Mechanistically, enhances the ubiquitination of TRAF3 and TRAF6 as well as the phosphorylation of TAK1 and TBK1 (PubMed:34011520).

Cellular Location

Cell membrane; Single-pass type II membrane protein. Apical cell membrane {ECO:0000250|UniProtKB:P07340}; Single-pass type II membrane protein. Cell membrane, sarcolemma {ECO:0000250|UniProtKB:P14094}. Note=Colocalizes with OBSCN at the intercalated disk and sarcolemma in cardiomyocytes. Localizes in long striations at the level of Z and M lines

{ECO:0000250|UniProtKB:P14094}

Tissue Location

Found in most tissues.

ATP1B1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ATP1B1 Rabbit mAb - Images

