

**ATP1B1 Rabbit mAb**  
Catalog # AP77049**Specification****ATP1B1 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">P05026</a>
Reactivity	Human, Mouse, 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

**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:<a href="http://www.uniprot.org/citations/19694409" target="\_blank">19694409</a>). 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:<a href="http://www.uniprot.org/citations/34011520" target="\_blank">34011520</a>).

**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

