

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

Application	WB
Primary Accession	P05026
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: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

