

**ATPB Rabbit mAb**  
Catalog # AP75130**Specification**

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**ATPB Rabbit mAb - Product Information**

Application	WB, IHC, IF, IP
Primary Accession	<a href="#">P06576</a>
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	56560

**ATPB Rabbit mAb - Additional Information**

Gene ID 506

**Other Names**  
ATP5F1B**Dilution**  
WB~~1/500-1/1000  
IHC~~1/50-1/100  
IF~~1/50-1/200  
IP~~1/20**Format**  
Liquid**ATPB Rabbit mAb - Protein Information**Name ATP5F1B ([HGNC:830](#))**Function**

Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core, and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Subunits alpha and beta form the catalytic core in F(1). Rotation of the central stalk against the surrounding alpha(3)beta(3) subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits.

**Cellular Location**

Mitochondrion inner membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P00829}; Matrix side {ECO:0000250|UniProtKB:P00829, ECO:0000269|PubMed:25168243}

## ATPB 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](#)

## ATPB Rabbit mAb - Images



