

ATP1B3 Antibody
Rabbit mAb
Catalog # AP92210**Specification****ATP1B3 Antibody - Product Information**

Application	WB, IHC
Primary Accession	P54709
Reactivity	Rat
Clonality	Monoclonal
Other Names	
atp1b3; ATPB3; CD298; FLJ29027; NKAB3S; Sodium pump subunit beta 3; Sodium/potassium dependent ATPase subunit beta 3;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	31513 Da

ATP1B3 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ATP1B3
Description	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 exact function of the beta-3 subunit is not known.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

ATP1B3 Antibody - Protein Information**Name** ATP1B3**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 exact function of the beta-3 subunit is not known.

Cellular Location

Apical cell membrane {ECO:0000250|UniProtKB:Q63377}; Single-pass type II membrane protein.
Basolateral cell membrane {ECO:0000250|UniProtKB:Q63377}; Single-pass type II membrane

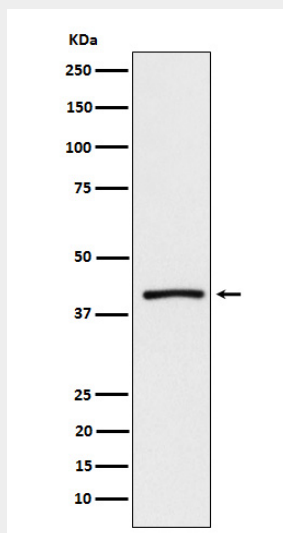
protein. Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

ATP1B3 Antibody - 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](#)

ATP1B3 Antibody - Images



Western blot analysis of ATP1B3 expression in mouse brain lysate.