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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

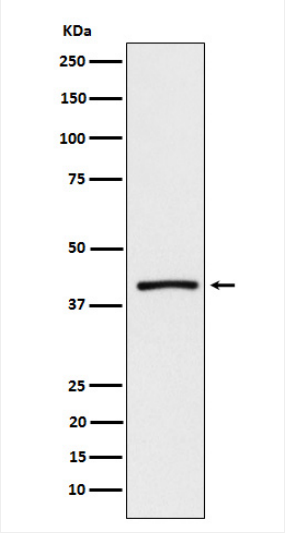
protein. Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

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 Cytomety
- Cell Culture

ATP1B3 Antibody - Images



Western blot analysis of ATP1B3 expression in mouse brain lysate.