

Anti-ATP1B3 Rabbit Monoclonal Antibody
Catalog # ABO15630**Specification**

Anti-ATP1B3 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	P54709
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-ATP1B3 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Anti-ATP1B3 Rabbit Monoclonal Antibody - Additional Information

Gene ID 483

Other Names

Sodium/potassium-transporting ATPase subunit beta-3, Sodium/potassium-dependent ATPase subunit beta-3, ATPB-3, CD298, ATP1B3

Calculated MW

37 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human ATP1B3

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-ATP1B3 Rabbit Monoclonal 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

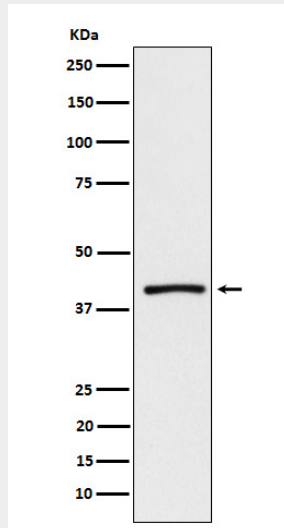
Apical cell membrane {ECO:0000250|UniProtKB:Q63377}; Single-pass type II membrane protein.
Basolateral cell membrane {ECO:0000250|UniProtKB:Q63377}; Single-pass type II membrane protein. Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

Anti-ATP1B3 Rabbit Monoclonal 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](#)

Anti-ATP1B3 Rabbit Monoclonal Antibody - Images



Western blot analysis of ATP1B3 expression in mouse brain lysate.