

ATP1B3 Rabbit mAb

Catalog No: #59973

Package Size: #59973-1 50ul #59973-2 100ul

Description

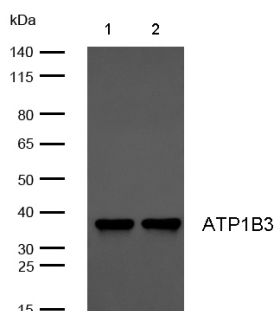
Product Name	ATP1B3 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human Mouse Rat
Specificity	ATP1B3 Antibody detects endogenous levels of total ATP1B3
Immunogen Description	A synthesized peptide derived from human ATP1B3
Other Names	atp1b3; ATPB3; CD298; FLJ29027; NKAB3S; Sodium pump subunit beta 3; Sodium/potassium dependent ATPase subunit beta 3;
Accession No.	Uniprot:P54709
Calculated MW	Predicted band size: 32 kDa
SDS-PAGE MW	Observed band size: 37 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

Images



All lanes: ATP1B3 Rabbit mAb at 1/1k dilution

Lane 1 : HeLa whole cell lysates Lane 2 : Mouse brain lysates
Lysates/proteins at 20 µg per lane.

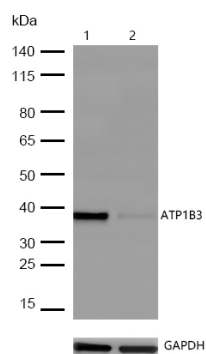
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 32 kDa

Observed band size: 37 kDa

Exposure time: 6 seconds

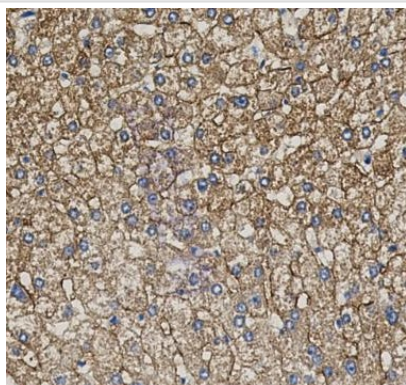


All lanes: ATP1B3 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HeLa cell lysate

Lane 2 : ATP1B3 Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human liver cancer tissue stained for ATP1B3 using 59973 at 1/100 dilution in immunohistochemical analysis.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.