

KB465

For research use only

Anti Human ATP1B3 Polyclonal Antibody

Code No. KB465
Target ATP1B3
Category Enzyme
Gene ID 483
Primary Source HGNC:806
Synonyms CD298; ATPB-3; FLJ29027; ATP1B3

Type Polyclonal Antibody
Immunogen Recombinant protein of full length Human ATP1B3

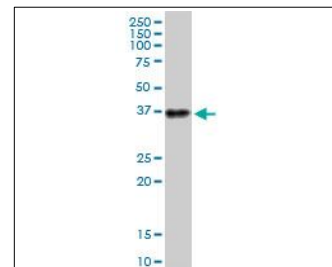
Raised in Mouse
Myeloma -
Clone number -
Purification Protein A purified
Source Mouse Serum
Isotype -
Cross Reactivity -
Label Unlabeled
Concentration 0.5 mg/mL
Contents (Volume) 50 µg
Buffer PBS, pH 7.2

Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

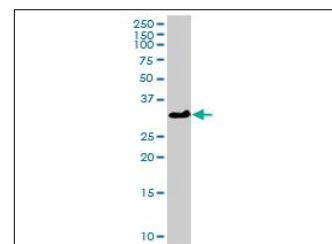
Application WB

| ELISA | WB | IHC | ICC |
|-------|-----|-----|----------------|
| - | 1.0 | - | - |
| IP | FCM | IF | Neutralization |
| - | - | - | - |

(µg/mL)



[WB] A-431 cell lysate



[WB] ATP1B3 transfected 293T cell lysate

Reference

1. Malik N., et al. "Identification of the mammalian Na,K-ATPase 3 subunit." J. Biol. Chem. 271:22754-22758(1996)
2. Malik N., et al. "Structural organization and chromosomal localization of the human Na,K-ATPase beta 3 subunit gene and pseudogene." Mamm. Genome 9:136-143(1998)
3. The MGC Project Team. "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)." Genome Res. 14:2121-2127(2004)

UniPlot Summary

//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.
 //Subcellular location: Membrane; Single-pass type II membrane protein. Melanosome.
 //Sequence similarities: Belongs to the X(+)/potassium ATPases subunit beta family.