

Human ATP13A2 Rabbit mAb [MJFF-E-4H5]

Catalog NO.: A28696 **KO Validated** **Recombinant**

Basic Information

Observed MW

129 kDa/150 kDa

Calculated MW

126 kDa/128 kDa/129 kDa

Category

Monoclonal Antibodies

Applications

WB, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC5232

Background

This gene encodes a member of the P5 subfamily of ATPases which transports inorganic cations as well as other substrates. Mutations in this gene are associated with Kufor-Rakeb syndrome (KRS), also referred to as Parkinson disease 9. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:2000-1:5000

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥ 1:10000)

Immunogen Information

Gene ID	Swiss Prot
23400	Q9NQ11

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

CLN12; KRPPD; PARK9; SPG78; HSA9947

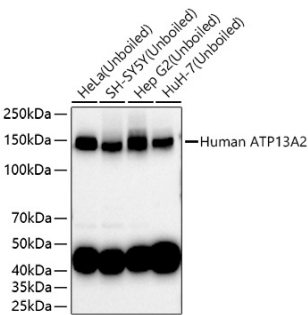
Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.09% sodium azide,0.05% BSA,50% glycerol,negative IgG,pH7.3		

Validation Data



Western blot analysis of various lysates using [KO Validated] Human ATP13A2 Rabbit mAb [MJFF-E-4H5] (A28696) at 1:5000 dilution incubated overnight at 4°C.

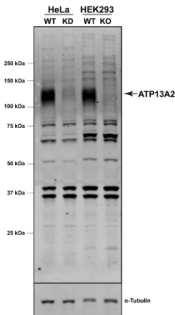
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90 s.



Western blot analysis of lysates from wild type (WT) and Human ATP13A2 knockout (KO) HEK293 cells, and wild type (WT) and Human ATP13A2 knockdown (KD) HeLa cells using [KO Validated] Human ATP13A2 Rabbit mAb [MJFF-E-4H5] (A28696) at 1 µg/mL dilution incubated overnight at 4°C.

Secondary antibody: IRDye® 800CW Goat anti-Rabbit IgG Secondary Antibody (926-32211) at 1:25000 dilution.

Lysates/proteins: 15 µg per lane.

Blocking buffer: 5% nonfat dry milk in TBST.

Detection: LI-COR Odyssey CLx.

Exposure time: LI-COR scan using automatic sensitivity setting.

Acknowledgement: The data were kindly provided by Dr. Dario Alessi at the University of Dundee.

