

ATP13A3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP5938a

Specification

ATP13A3 Antibody (N-term) - Product Information

Application FC, WB, IHC-P,E Primary Accession Q9H7F0

Other Accession
Reactivity
Human
Host
Clonality
Isotype
Calculated MW
Antigen Region

NP_078800.3

NP_078800.3

Rabbit
Polyclonal
Rabbit IgG
138043

101-129

ATP13A3 Antibody (N-term) - Additional Information

Gene ID 79572

Other Names

Probable cation-transporting ATPase 13A3, 363-, ATPase family homolog up-regulated in senescence cells 1, ATP13A3, AFURS1

Target/Specificity

This ATP13A3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 101-129 amino acids from the N-terminal region of human ATP13A3.

Dilution

FC~~1:10~50 WB~~1:1000 IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ATP13A3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ATP13A3 Antibody (N-term) - Protein Information



Name ATP13A3 {ECO:0000303|PubMed:33310703, ECO:0000312|HGNC:HGNC:24113}

Function ATP-driven pump involved in endocytosis-dependent polyamine transport. Uses ATP as an energy source to transfer polyamine precursor putrescine from the endosomal compartment to the cytosol.

Cellular Location

Recycling endosome membrane; Multi-pass membrane protein. Early endosome membrane; Multi-pass membrane protein. Late endosome membrane; Multi-pass membrane protein. Note=Mainly targeted to the recycling endosomes and to a lesser extent to the early and late endosomes

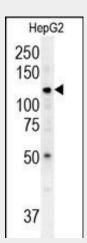
Tissue LocationBroadly expressed...

ATP13A3 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

ATP13A3 Antibody (N-term) - Images

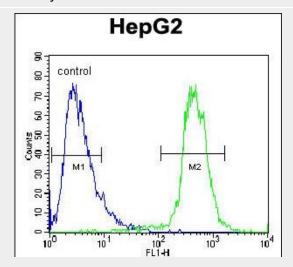


ATP13A3 Antibody (N-term) (Cat. #AP5938a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the ATP13A3 antibody detected the ATP13A3 protein (arrow).





ATP13A3 antibody (N-term) (Cat. #AP5938a) immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ATP13A3 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



ATP13A3 Antibody (N-term) (Cat. #AP5938a) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ATP13A3 Antibody (N-term) - Citations

• ATP13A3 and caveolin-1 as potential biomarkers for difluoromethylornithine-based therapies in pancreatic cancers.