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ATP2A3 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12695

Product Information

Application	WB
Primary Accession	Q93084
Other Accession	NM_005173, NP_005164
Reactivity	Human, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109256

Additional Information

Gene ID	489
Alias Symbol	SERCA3
Other Names	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3, SERCA3, SR Ca(2+)-ATPase 3, 3.6.3.8, Calcium pump 3, ATP2A3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ATP2A3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	ATP2A3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

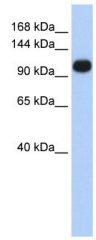
Name	ATP2A3 (HGNC:813)
Function	This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of calcium. Transports calcium ions from the cytosol into the sarcoplasmic/endoplasmic reticulum lumen. Contributes to calcium sequestration involved in muscular excitation/contraction.
Cellular Location	Nucleus membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Sarcoplasmic reticulum membrane; Multi-pass membrane protein
Tissue Location	Found in most tissues. Most abundant in thymus, trachea, salivary gland,

spleen, bone marrow, lymph node, peripheral leukocytes, pancreas and colon. Also detected in fetal tissues Expressed in cell lineages of hematopoietic, epithelial, or embryonic origin and also expressed in several cancer cell lines

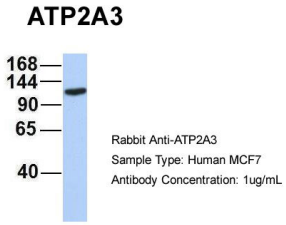
References

Korosec,B.,(2008)CancerGenet.Cytogenet.181(2),112-118ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-ATP2A3 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Jurkat cell lysate
ATP2A3 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Host:Rabbit
Target Name:ATP2A3
Sample Tissue:MCF7
Antibody Dilution: 1.0µg/mlATP2A3 is strongly supported by BioGPS gene expression data to be expressed in MCF7

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.