BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-ATP2A3 Antibody (N-Term)

Catalog Number: M04597

About ATP2A3

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.

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Overview

Product Name	Anti-ATP2A3 Antibody (N-Term)
Reactive Species	Human
Description	Boster Bio Anti-ATP2A3 Antibody (N-Term) (Catalog # M04597). Tested in WB, IHC-P application(s). This antibody reacts with Human.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	Q93084

Technical Details

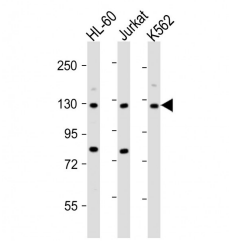
Immunogen	This ATP2A3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 13-47 amino acids from human ATP2A3.
Predicted Reactive Species	Chicken, Mouse
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000

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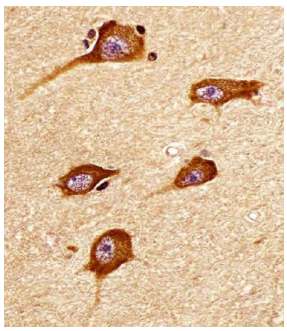
	IHC-P: 1:25

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Anti-ATP2A3 Antibody (N-Term) (M04597) Images



All lanes : Anti-ATP2A3 Antibody (N-Term) at 1:2000 dilutionLane 1: HL-60 whole cell lysateLane 2: Jurkat whole cell lysateLane 3: K562 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 114 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



M04597 staining ATP2A3 in human brain tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

Anti-ATP2A3 Antibody (N-Term)

For Research Use Only. Not for use in diagnostic procedures.