

Datasheet for ABIN6242174
anti-ATP2A3 antibody (AA 13-47)[Go to Product page](#)

2 Images

Overview

Quantity:	200 µL
Target:	ATP2A3
Binding Specificity:	AA 13-47
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP2A3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Clone:	RB53548
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ATP2A3
Alternative Name:	ATP2A3 (ATP2A3 Products)
Background:	This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport

Target Details

of calcium. Transports calcium ions from the cytosol into the sarcoplasmic/endoplasmic reticulum lumen. Contributes to calcium sequestration involved in muscular excitation/contraction.

Molecular Weight: 113977

UniProt: [Q93084](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB: 1:2000. IHC-P: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

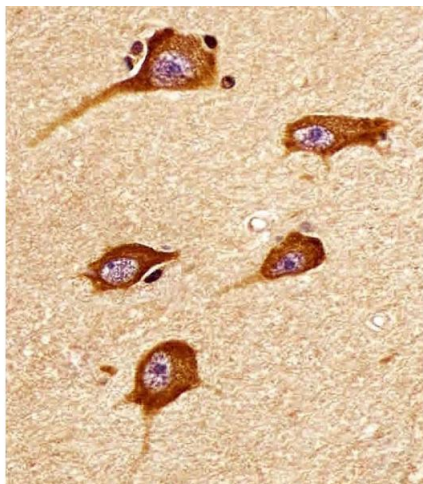
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

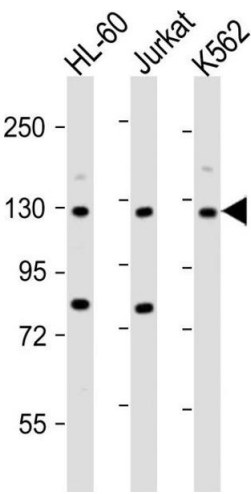
Expiry Date: 6 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6242174 and ABIN6578338) 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 (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted



biotinylated goat polyvalent antibody was used as the secondary antibody.

Western Blotting

Image 2. All lanes : Anti-ATP2A3 Antibody (N-Term) at 1:2000 dilution Lane 1: HL-60 whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 114 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.