

Datasheet: VPA00530

Description:	RABBIT ANTI ATP2A3
Specificity:	ATP2A3
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid.
Preparation	Rabbit polyclonal antibody purified by affinity chromatography.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 2% Sucrose.
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Synthetic peptide directed towards the middle region of human ATP2A3
External Database Links	UniProt: Q93084 Related reagents

Entrez Gene:

[489](#) [ATP2A3](#) [Related reagents](#)

Specificity

Rabbit anti Human ATP2A3 antibody recognizes ATP2A3 also known as sarcoplasmic/endoplasmic reticulum calcium ATPase 3, ATPase Ca(2+)-transporting ubiquitous, SR Ca(2+)-ATPase 3, calcium pump 3 or calcium-translocating P-type ATPase.

ATP2A3 gene encodes one of the SERCA Ca(2+)-ATPases, intracellular pumps located in the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen, and is involved in calcium sequestration associated with muscular excitation and contraction. Alternative splicing results in multiple transcript variants encoding different isoforms (provided by RefSeq, Jul 2008).

Rabbit anti Human ATP2A3 antibody detects a band of 114 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti ATP2A3 detects a band of approximately 114 kDa in Jurkat cell lysates.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch.

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information

Material Safety Datasheet documentation #10045 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00530>
Antibody (10045)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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