Datasheet: VPA00592

Description:	RABBIT ANTI ERLIN-2
Specificity:	ERLIN-2
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.

Immunogen

Synthetic peptide directed towards the middle region of human erlin-2

External Database Links

UniProt:
O94905 Related reagents

Entrez Gene:
11160 ERLIN2 Related reagents

Synonyms	C8orf2, SPFH2
Specificity	**Rabbit anti Human erlin-2 antibody** recognizes erlin-2, also known as SPFH domain family, member 2, endoplasmic reticulum lipid raft-associated protein 2 or stomatin-prohibitin-flotillin-HflC/K domain-containing protein 2. The ERLIN2 gene encodes a member of the SPFH domain-containing family of lipid raft-associated proteins. The encoded protein is a 339 amino acid ~43 kDa single pass type II transmembrane protein localized to lipid rafts of the endoplasmic reticulum membrane and plays a critical role in inositol 1,4,5-trisphosphate (IP3) signaling by mediating ER-associated degradation of activated IP3 receptors. Mutations in ERLIN2 are a cause of Spastic paraplegia 18, autosomal recessive (SPG18). Alternatively spliced transcript variants encoding multiple isoforms have been observed for ERLIN2 (provided by RefSeq, Feb 2012). Rabbit anti Human erlin-2 antibody detects a band of 43 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti erlin-2 detects a band of approximately 43 kDa in HEK293 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: Antibody (10045): https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

North & South America Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

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

'M402829:220720'

Printed on 09 Feb 2023