

Datasheet: VPA00592

BATCH NUMBER 160801

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: <https://www.bio-rad-antibodies.com/SDS/VPA00592>
Antibody (10045)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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