

ERLIN2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18538b**Specification**

ERLIN2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O94905](#)**ERLIN2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 11160**Other Names**

Erlin-2, Endoplasmic reticulum lipid raft-associated protein 2, Stomatin-prohibitin-flotillin-HflC/K domain-containing protein 2, SPFH domain-containing protein 2, ERLIN2, C8orf2, SPFH2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ERLIN2 Antibody (C-term) Blocking Peptide - Protein Information**Name** ERLIN2**Synonyms** C8orf2, SPFH2**Function**

Component of the ERLIN1/ERLIN2 complex which mediates the endoplasmic reticulum-associated degradation (ERAD) of inositol 1,4,5- trisphosphate receptors (IP3Rs) such as ITPR1 (PubMed:19240031, PubMed:17502376). Promotes sterol-accelerated ERAD of HMGCR probably implicating an AMFR/gp78-containing ubiquitin ligase complex (PubMed:21343306). Involved in regulation of cellular cholesterol homeostasis by regulation the SREBP signaling pathway. May promote ER retention of the SCAP-SREBF complex (PubMed:24217618).

Cellular Location

Endoplasmic reticulum membrane; Single-pass type II membrane protein. Note=Associated with lipid raft-like domains of the endoplasmic reticulum membrane

Tissue Location

Ubiquitous..

ERLIN2 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ERLIN2 Antibody (C-term) Blocking Peptide - Images

ERLIN2 Antibody (C-term) Blocking Peptide - Background

Component of the ERLIN1/ERLIN2 complex which mediates the endoplasmic reticulum-associated degradation (ERAD) of inositol 1,4,5-trisphosphate receptors (IP3Rs). Also involved in ITPR1 degradation by the ERAD pathway.

ERLIN2 Antibody (C-term) Blocking Peptide - References

Wang, Y., et al. Biochim. Biophys. Acta 1793(11):1710-1718(2009) Pearce, M.M., et al. J. Biol. Chem. 284(16):10433-10445(2009) Pearce, M.M., et al. J. Biol. Chem. 282(28):20104-20115(2007) Browman, D.T., et al. J. Cell. Sci. 119 (PT 15), 3149-3160 (2006)
:Garcia, M.J., et al. Oncogene 24(33):5235-5245(2005)