

ERLIN1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13078c**Specification**

ERLIN1 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [O75477](#)**ERLIN1 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 10613**Other Names**

Erlin-1, Endoplasmic reticulum lipid raft-associated protein 1, Protein KE04, Stomatin-prohibitin-flotillin-HflC/K domain-containing protein 1, SPFH domain-containing protein 1, ERLIN1, C10orf69, KE04, KEO4, SPFH1

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.

ERLIN1 Antibody (Center) Blocking peptide - Protein Information**Name** ERLIN1 ([HGNC:16947](#))**Function**

Component of the ERLIN1/ERLIN2 complex which mediates the endoplasmic reticulum-associated degradation (ERAD) of inositol 1,4,5- trisphosphate receptors (IP3Rs). Involved in regulation of cellular cholesterol homeostasis by regulation the SREBP signaling pathway (PubMed:37683630). Binds cholesterol and 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

Expressed in heart, placenta, liver, kidney, pancreas, prostate, testis, ovary and small intestine

ERLIN1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ERLIN1 Antibody (Center) Blocking peptide - Images**ERLIN1 Antibody (Center) Blocking peptide - Background**

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ERLIN1 Antibody (Center) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Martins-de-Souza, D., et al. J Psychiatr Res (2010) In press :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)Yuan, X., et al. Am. J. Hum. Genet. 83(4):520-528(2008)