

ESYT1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16840b**Specification**

ESYT1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O9BSJ8](#)**ESYT1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 23344**Other Names**

Extended synaptotagmin-1, E-Syt1, Membrane-bound C2 domain-containing protein, ESYT1, FAM62A, KIAA0747, MBC2

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.

ESYT1 Antibody (C-term) Blocking Peptide - Protein Information**Name** ESYT1 ([HGNC:29534](#))**Synonyms** FAM62A, KIAA0747, MBC2**Function**

Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport (By similarity). Binds calcium (via the C2 domains) and translocates to sites of contact between the endoplasmic reticulum and the cell membrane in response to increased cytosolic calcium levels. Helps tether the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Cell membrane; Peripheral membrane protein. Note=Localizes primarily to the endoplasmic reticulum (PubMed:29469807). Recruited to sites of contact between the endoplasmic reticulum and the cell membrane in response to increased cytosolic calcium levels (PubMed:29469807, PubMed:22250200).

Tissue Location

Widely expressed..

ESYT1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ESYT1 Antibody (C-term) Blocking Peptide - Images

ESYT1 Antibody (C-term) Blocking Peptide - Background

ESYT1 may play a role as calcium-regulated intrinsic membrane protein (By similarity).

ESYT1 Antibody (C-term) Blocking Peptide - References

Craxton, M. BMC Genomics 8, 259 (2007) :Laveder, P., et al. Nucleic Acids Res. 30 (9), E38 (2002)
:Morris, N.J., et al. Biochim. Biophys. Acta 1431(2):525-530(1999)