

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

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**ESYT1 Antibody (C-term) Blocking Peptide - Product Information**Primary 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)