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ESYT1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11122

Specification

ESYT1 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q9BSJ8
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**123kDa KDa**

ESYT1 Antibody (C-Terminus) - Additional Information

Gene ID 23344

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

Target/Specificity
Human ESYT1 / FAM62A. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
ESYT1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

ESYT1 Antibody (C-Terminus) - 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..

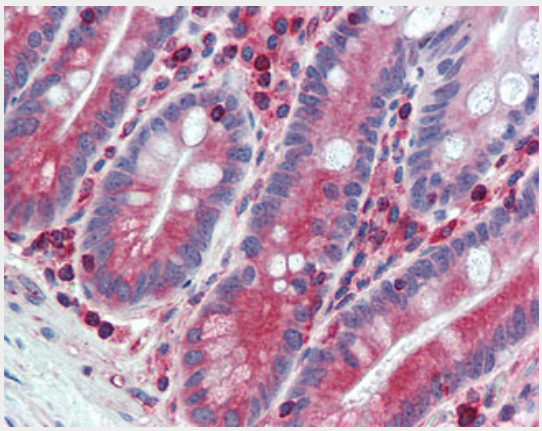
Volume
50 µl

ESYT1 Antibody (C-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ESYT1 Antibody (C-Terminus) - Images



Anti-ESYT1 / FAM62A antibody ALS11122 IHC of human small intestine.

ESYT1 Antibody (C-Terminus) - Background

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.

ESYT1 Antibody (C-Terminus) - References

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