

FAM62B antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13045**Specification**

FAM62B antibody - middle region - Product Information

Application	WB, IP
Primary Accession	A0FGR8
Other Accession	NM_020728 , NP_065779
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	99kDa KDa

FAM62B antibody - middle region - Additional Information**Gene ID** 57488**Alias Symbol** CHR2SYT, ESYT2, KIAA1228, E-Syt2, FAM62B**Other Names**

Extended synaptotagmin-2, E-Syt2, Chr2Syt, ESYT2, FAM62B, KIAA1228

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-FAM62B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

FAM62B antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

FAM62B antibody - middle region - Protein Information**Name** ESYT2 ([HGNC:22211](#))**Synonyms** FAM62B, KIAA1228**Function**

Tethers the endoplasmic reticulum to the cell membrane and promotes the formation of appositions between the endoplasmic reticulum and the cell membrane. Binds glycerophospholipids in a barrel-like domain and may play a role in cellular lipid transport. Plays a role in FGF signaling via its role in the rapid internalization of FGFR1 that has been activated by

FGF1 binding; this occurs most likely via the AP- 2 complex. Promotes the localization of SACM1L at endoplasmic reticulum-plasma membrane contact sites (EPCS) (PubMed:27044890).

Cellular Location

Cell membrane; Peripheral membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Localizes to endoplasmic reticulum-plasma membrane contact sites (EPCS) (PubMed:23791178, PubMed:27044890, PubMed:29469807, PubMed:30220461). Recruited to the cell membrane via the third C2 domain (PubMed:17360437)

Tissue Location

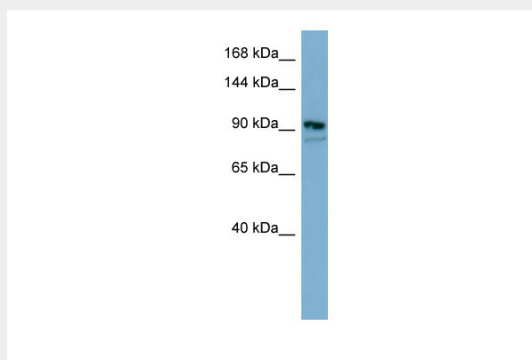
Widely expressed with high level in cerebellum.

FAM62B antibody - middle region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FAM62B antibody - middle region - Images



WB Suggested Anti-FAM62B Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: HT1080 cell lysate

FAM62B antibody - middle region - References

Min S.-W.,et al.Proc. Natl. Acad. Sci. U.S.A. 104:3823-3828(2007).
Shan Y.X.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.W.,et al.Science 300:767-772(2003).
Nagase T.,et al.DNA Res. 6:337-345(1999).