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SLC35D3 / FRCL1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS16608

Specification

SLC35D3 / FRCL1 Antibody (C-Terminus) - Product Information

Application	**IHC, ICC, IF, WB**
Primary Accession	Q5M8T2
Other Accession	340146
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**44183**

SLC35D3 / FRCL1 Antibody (C-Terminus) - Additional Information

Gene ID 340146

Other Names
SLC35D3, Frc, fringe-like 1, FRCL1, BA55K22.3

Target/Specificity
Human SLC35D3. At least two isoforms of SLC35D3 are known to exist; this antibody will recognize both isoforms. SLC35D3 antibody is predicted to not cross-react with SLC35D1 or SLC35D2.

Reconstitution & Storage
PBS, 0.02% sodium azide. Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
SLC35D3 / FRCL1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC35D3 / FRCL1 Antibody (C-Terminus) - Protein Information

Name SLC35D3 (HGNC:15621)

Function
Probable UDP-glucose transmembrane transporter involved in UDP-glucose transport from the cytosol to the lumen of synaptic vesicles (PubMed:34269178). It is involved in platelet dense granules maturation (By similarity).

Cellular Location
Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Multi-pass membrane protein. Early endosome membrane {ECO:0000250|UniProtKB:Q8BGF8}; Multi-pass membrane protein. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q8BGF8}; Multi-pass membrane protein. Note=Active at early endosome membrane in the biosynthesis of mature platelet-dense

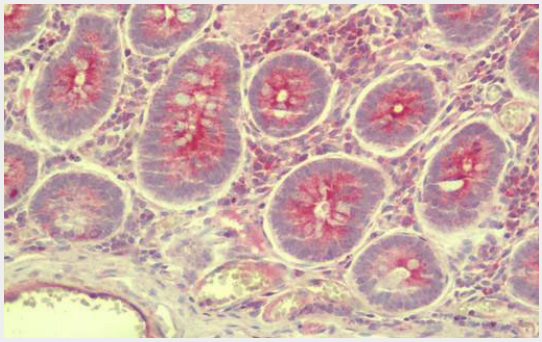
granules {ECO:0000250|UniProtKB:Q8BGF8}

SLC35D3 / FRCL1 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

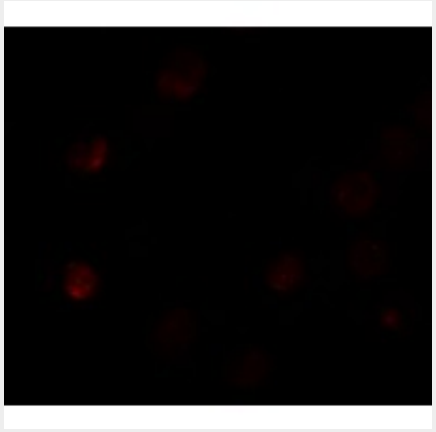
SLC35D3 / FRCL1 Antibody (C-Terminus) - Images



Anti-SLC35D3 / FRCL1 antibody IHC staining of human small intestine.

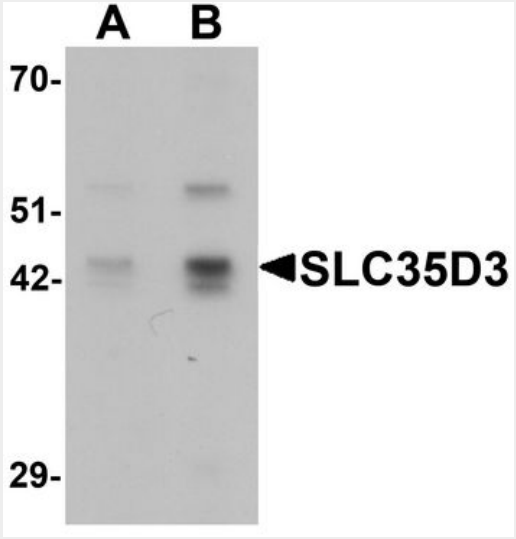


Immunocytochemistry of SLC35D3 in HeLa cells with SLC35D3 antibody at 2.5 µg/mL.



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Immunofluorescence of SLC35D3 in HeLa cells with SLC35D3 antibody at 5 µg/mL.



Western blot analysis of SLC35D3 in HeLa cell lysate with SLC35D3 antibody at (A) 1 and (B) 2 ug/ml.

SLC35D3 / FRCL1 Antibody (C-Terminus) - Background

May play a role in hemostasis as a regulator of the biosynthesis of platelet-dense granules.

SLC35D3 / FRCL1 Antibody (C-Terminus) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.