

SLC35A3 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12350**Specification**

SLC35A3 antibody - middle region - Product Information

Application	WB
Primary Accession	O9Y2D2
Other Accession	NM_012243 , NP_036375
Reactivity	Human, Rat, Rabbit, Horse, Bovine, Dog
Predicted	Human, Rabbit, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa KDa

SLC35A3 antibody - middle region - Additional Information**Gene ID** 23443**Alias Symbol** DKFZp781P1297**Other Names**

UDP-N-acetylglucosamine transporter, Golgi UDP-GlcNAc transporter, Solute carrier family 35 member A3, SLC35A3

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-SLC35A3 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

SLC35A3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC35A3 antibody - middle region - Protein Information**Name** SLC35A3**Function**

Transports diphosphate-N-acetylglucosamine (UDP-GlcNAc) from the cytosol into the lumen of the Golgi apparatus, functioning as an antiporter that exchanges UDP-N-acetyl-alpha-D-glucosamine for UMP (PubMed: [10393322](http://www.uniprot.org/citations/10393322)). May supply UDP-GlcNAc as substrate for Golgi- resident glycosyltransferases that generate highly branched, multiantennary complex N-glycans and keratan sulfate (PubMed: [23766508](http://www.uniprot.org/citations/23766508), PubMed: [34981577](http://www.uniprot.org/citations/34981577)). However, the exact role of SLC35A3 still needs to be

elucidated, it could be a member of a catalytically more efficient multiprotein complex rather than function independently as a single transporter (PubMed:32938718).

Cellular Location

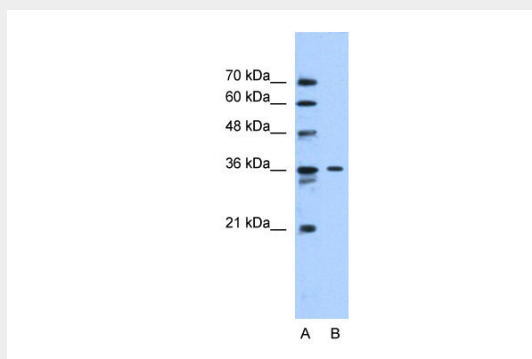
Golgi apparatus membrane; Multi-pass membrane protein

SLC35A3 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](#)

SLC35A3 antibody - middle region - Images



WB Suggested Anti-SLC35A3 Antibody Titration: 0.2-1 µg/ml
Positive Control: HepG2 cell lysate

SLC35A3 antibody - middle region - References

Ghebranious, N., (2006) Am. J. Med. Genet. A 140(12), 1346-1348 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.