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SLC35B4 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP10395c

Specification

SLC35B4 Antibody (Center) Blocking peptide - Product Information

Primary Accession	Q969S0
Other Accession	NP_116215.1

SLC35B4 Antibody (Center) Blocking peptide - Additional Information

Gene ID 84912

Other Names
UDP-xylose and UDP-N-acetylglucosamine transporter, Solute carrier family 35 member B4, YEA4 homolog, SLC35B4, YEA4

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.

SLC35B4 Antibody (Center) Blocking peptide - Protein Information

Name SLC35B4

Synonyms YEA4

Function
Antiporter that transports nucleotide sugars across the endoplasmic reticulum (ER) membrane in exchange for another nucleotide sugar. May couple UDP-alpha-D-glucuronate (UDP-GlcA) or UDP-alpha-D- xylose (UDP-Xyl) efflux to UDP-alpha-D-glucuronate (UDP-GlcA) influx into the ER lumen, which in turn stimulates glucuronidation and excretion of endobiotics and xenobiotics.

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein

SLC35B4 Antibody (Center) Blocking peptide - Protocols

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

- Blocking Peptides

SLC35B4 Antibody (Center) Blocking peptide - Images

SLC35B4 Antibody (Center) Blocking peptide - Background

Glycosyltransferases, such as SLC35B4, transportnucleotide sugars from the cytoplasm where they are synthesized, tothe Golgi apparatus where they are utilized in the synthesis ofglycoproteins, glycolipids, and proteoglycans (Ashikov et al., 2005[PubMed 15911612]).

SLC35B4 Antibody (Center) Blocking peptide - References

Kobayashi, T., et al. Biochem. J. 400(2):281-289(2006)Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)Ashikov, A., et al. J. Biol. Chem. 280(29):27230-27235(2005)