

# SLC35A1 rabbit monoclonal antibody

Catalog # H00010559-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human SLC35A1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human SLC35A1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human SLC35A1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SLC35A1

Entrez GeneID	<a href="#">10559</a>
GeneBank Accession#	<a href="#">SLC35A1</a>
Gene Name	SLC35A1
Gene Alias	CMPST, CST, hCST, inactive
Gene Description	solute carrier family 35 (CMP-sialic acid transporter), member A1
Omim ID	<a href="#">603585</a> <a href="#">605634</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The SLC35A1 gene encodes a CMP-sialic acid transporter located within the membrane of the Golgi apparatus. The transporter moves nucleotide sugars across the membrane for use in glycosylation reactions that take place within the Golgi department (Eckhardt et al., 1996 [PubMed 8755516]). For background information on the SLC35 family of nucleotide-sugar transporters, see SLC35A3 (MIM 605632).[supplied by OMIM]
Other Designations	CMP-sialic acid transporter OTTHUMP00000016832 OTTHUMP00000040610 mutated CMP-sialic acid transporter A1 solute carrier family 35 (CMP-sialic acid transporter), member 1 solute carrier family 35 (UDP-galactose transporter), member 1