

## Anti-SLC35A1 Antibody

Catalog Number: A10477

### About SLC35A1

Solute carrier family 35 member A1 (SLC35A1), also named as CMP-sialic acid transporter (CST), is responsible for transferring CMP-sialic acid from the cytosol through Golgi membranes, thus playing a vital role in the terminal sialylation of glycan structures. Slc35a1 deficiency causes thrombocytopenia due to impaired megakaryocytopoiesis and excessive platelet clearance in the liver. In addition, SCL35A1 acts independently from sialic acid in functional alpha-DG O-mannosylation (PMID: 25552652).

### Overview

Product Name	Anti-SLC35A1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SLC35A1 Antibody catalog # A10477. Tested in IHC, ICC/IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, ICC
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P78382

### Technical Details

Immunogen	E.coli-derived human SLC35A1 recombinant protein (Position: A3-P126).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ELISA, 1:100-1000

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Anti-SLC35A1 Antibody

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