

Datasheet for ABIN7043679

**anti-Solute Carrier Family 17 (Acidic Sugar Transporter),
Member 5 (SLC17A5) (AA 479-492), (C-Term), (Intracellular)
antibody**[Go to Product page](#)**4** Images

Overview

Quantity:	50 µL
Target:	Solute Carrier Family 17 (Acidic Sugar Transporter), Member 5 (SLC17A5)
Binding Specificity:	AA 479-492, C-Term, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)KGEVQSWALSDHHG, corresponding to amino acid residues 479-492 of mouse SLC17A5
Isotype:	IgG
Characteristics:	Anti-SLC17A5 (Sialin) Antibody (ABIN7043679, ABIN7045310 and ABIN7045311)) is a highly specific antibody directed against an epitope of the mouse Sialin transporter. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize Sialin from rat, mouse, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

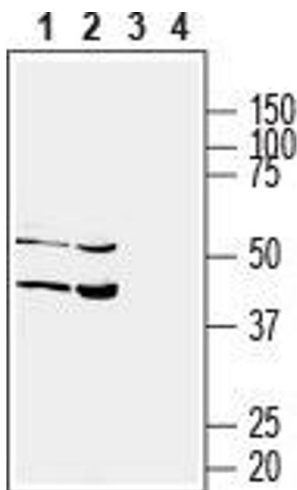
Target:	Solute Carrier Family 17 (Acidic Sugar Transporter), Member 5 (SLC17A5)
Alternative Name:	SLC17A5 (Sialin) (SLC17A5 Products)
Background:	Alternative names: SLC17A5 (Sialin), Sialic acid transporter, H ⁺ /sialic acid cotransporter, Vesicular H ⁺ /aspartate-glutamate cotransporter
Gene ID:	235504
NCBI Accession:	NM_001382629
UniProt:	Q8BN82

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

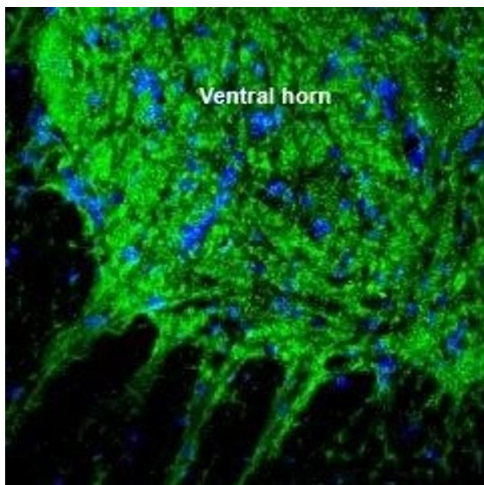
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



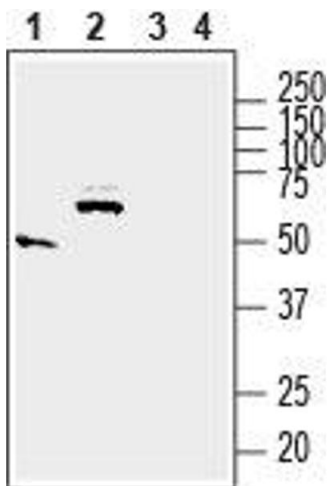
Western Blotting

Image 1. Western blot analysis of human HT-29 colorectal adenocarcinoma (lanes 1 and 3) and human HepG2 liver hepatoma (lanes 2 and 4) cell lysates: - 1,2. Anti-SLC17A5 (Sialin) Antibody (ABIN7043679, ABIN7045310 and ABIN7045311), (1:200).3,4. Anti-SLC17A5 (Sialin) Antibody, preincubated with SLC17A5/Sialin Blocking Peptide (#BLP-ST015).



Immunohistochemistry

Image 2. Expression of Sialin in rat spinal cord. - Immunohistochemical staining of perfusion-fixed frozen rat spinal cord sections with Anti-SLC17A5 (Sialin) Antibody (ABIN7043679, ABIN7045310 and ABIN7045311), (1:200), followed by goat-anti-rabbit-AlexaFluor-488. SLC17A5 immunoreactivity (green) appears in the neuropil of the ventral horn. Cell nuclei are stained with DAPI (blue).



Western Blotting

Image 3. Western blot analysis of rat small intestine (lanes 1 and 3) and brain (lanes 2 and 4) lysates: - 1,2. Anti-SLC17A5 (Sialin) Antibody (ABIN7043679, ABIN7045310 and ABIN7045311), (1:200).3,4. Anti-SLC17A5 (Sialin) Antibody, preincubated with SLC17A5/Sialin Blocking Peptide (#BLP-ST015).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7043679.