

Datasheet for ABIN2781631

**anti-Solute Carrier Family 17 (Acidic Sugar Transporter),
Member 5 (SLC17A5) (N-Term) antibody**[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	Solute Carrier Family 17 (Acidic Sugar Transporter), Member 5 (SLC17A5)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC17A5
Sequence:	LFTPIAADLG VGPLIVLRAL EGLGEGVTFP AMHAMWSSWA PPLERSKLLS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 93%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against SLC17A5. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	Solute Carrier Family 17 (Acidic Sugar Transporter), Member 5 (SLC17A5)
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Target Details

Alternative Name:	SLC17A5 (SLC17A5 Products)
Background:	<p>SLC17A5 is a membrane transporter that exports free sialic acids that have been cleaved off of cell surface lipids and proteins from lysosomes. Mutations in SLC17A5 gene cause sialic acid storage diseases, including infantile sialic acid storage disorder and and Salla disease, an adult form. This gene encodes a membrane transporter that exports free sialic acids that have been cleaved off of cell surface lipids and proteins from lysosomes. Mutations in this gene cause sialic acid storage diseases, including infantile sialic acid storage disorder and and Salla disease, an adult form. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: AST, FLJ22227, FLJ23268, ISSD, NSD, SD, SIALIN, SIASD, SLD</p> <p>Protein Interaction Partner: APP, UBC,</p> <p>Protein Size: 495</p>
Molecular Weight:	55 kDa
Gene ID:	26503
NCBI Accession:	NM_012434 , NP_036566
UniProt:	Q9NRA2

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 495 AA
Restrictions:	For Research Use only

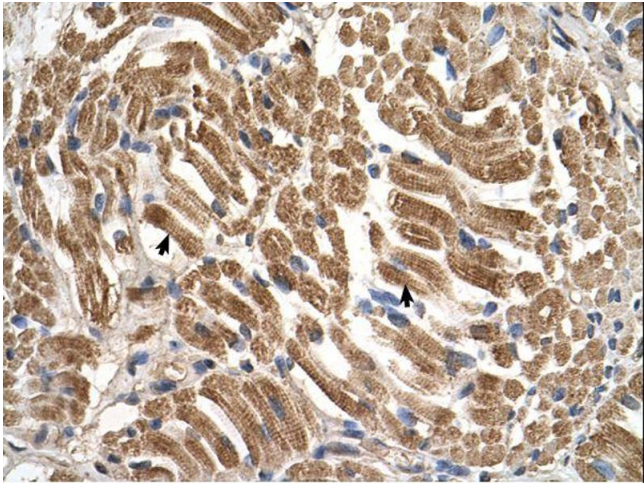
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

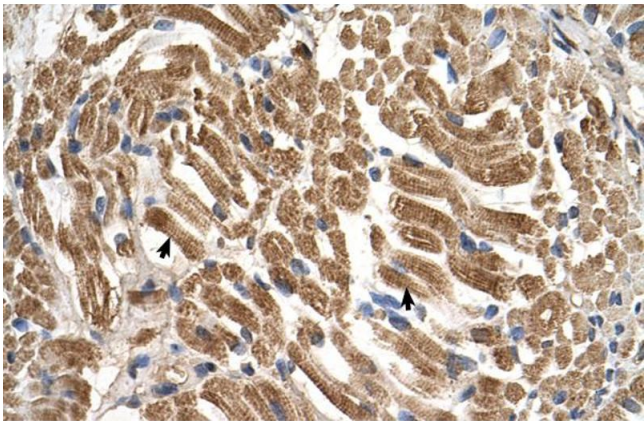
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



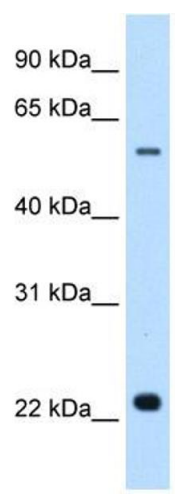
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Human Muscle



Western Blotting

Image 3. WB Suggested Anti-SLC17A5 Antibody Titration:
0.5ug/ml Positive Control: 293T cells lysate

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2781631.