

Datasheet for ABIN2782699
anti-ST8SIA2 antibody (C-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ST8SIA2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST8SIA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ST8SIA2
Sequence:	TGLLMYTLAT RFCKQIYLYG FWPFLDQNNQ NPVKYHYYDS LKYGYTSQAS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against ST8SIA2. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	ST8SIA2
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Target Details

Alternative Name:	ST8SIA2 (ST8SIA2 Products)
Background:	<p>ST8SIA2 is a type II membrane protein that is thought to catalyze the transfer of sialic acid from CMP-sialic acid to N-linked oligosaccharides and glycoproteins. ST8SIA2 may be found in the Golgi apparatus and may be involved in the production of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). This protein is a member of glycosyltransferase family 29</p> <p>The protein encoded by this gene is a type II membrane protein that is thought to catalyze the transfer of sialic acid from CMP-sialic acid to N-linked oligosaccharides and glycoproteins. The encoded protein may be found in the Golgi apparatus and may be involved in the production of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). This protein is a member of glycosyltransferase family 29.</p> <p>Alias Symbols: HsT19690, MGC116854, MGC116857, SIAT8B, ST8SIA-II, STX</p> <p>Protein Interaction Partner: NCAM1, C6orf15,</p> <p>Protein Size: 375</p>
Molecular Weight:	42 kDa
Gene ID:	8128
NCBI Accession:	NM_006011 , NP_006002
UniProt:	Q92186

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 375 AA
Restrictions:	For Research Use only

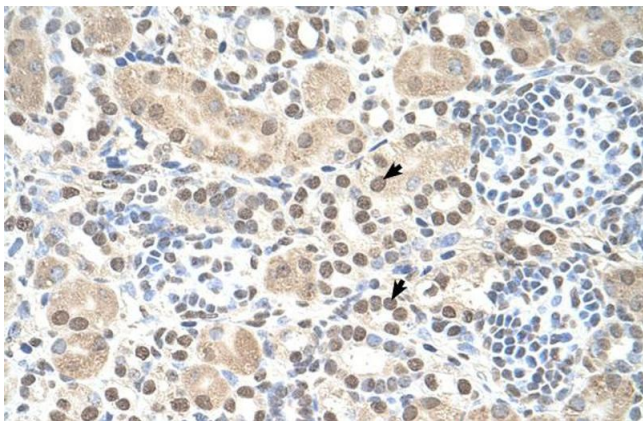
Handling

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

Handling

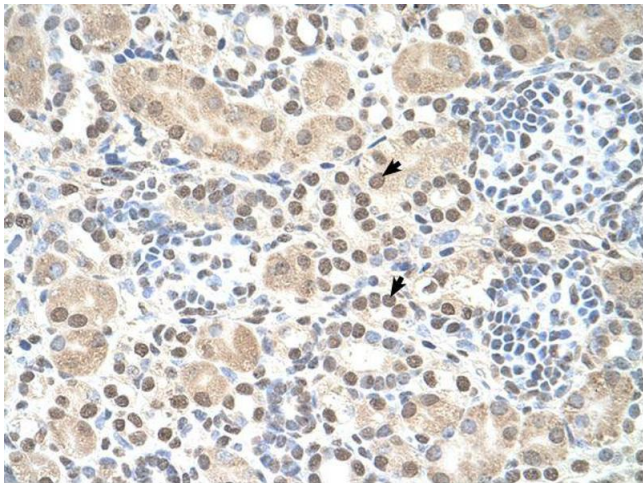
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



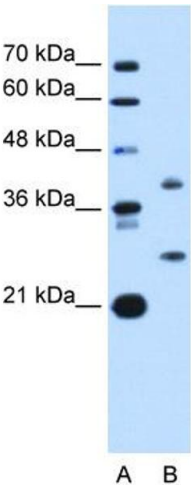
Immunohistochemistry

Image 1. Human kidney



Immunohistochemistry

Image 2.



Western Blotting

Image 3. WB Suggested Anti-ST8SIA2 Antibody Titration: 1 ug/ml Positive Control: HepG2 cell lysate