

Datasheet for ABIN635706
anti-ST8SIA2 antibody (C-Term)



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3 Images

Overview

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

Product Details

Immunogen:	ST8 SIA2 antibody was raised using the C terminal of ST8 IA2 corresponding to a region with amino acids TGLLMYTLATRFCKQIYLYGFWPFPLDQNPVKYHYDLSLKYGYTSQAS
Specificity:	ST8 SIA2 antibody was raised against the C terminal of ST8 IA2
Purification:	Affinity purified

Target Details

Target:	ST8SIA2
Alternative Name:	ST8SIA2 (ST8SIA2 Products)
Background:	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

Target Details

adhesive properties of neural cell adhesion molecule (NCAM1). This protein is a member of glycosyltransferase family 29.

Molecular Weight: 42 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: ST8SIA2 Blocking Peptide, catalog no. 33R-9089, is also available for use as a blocking control in assays to test for specificity of this ST8SIA2 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ST0 IA2 antibody in PBS

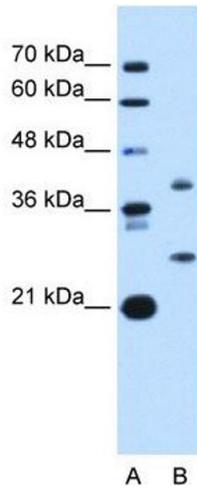
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

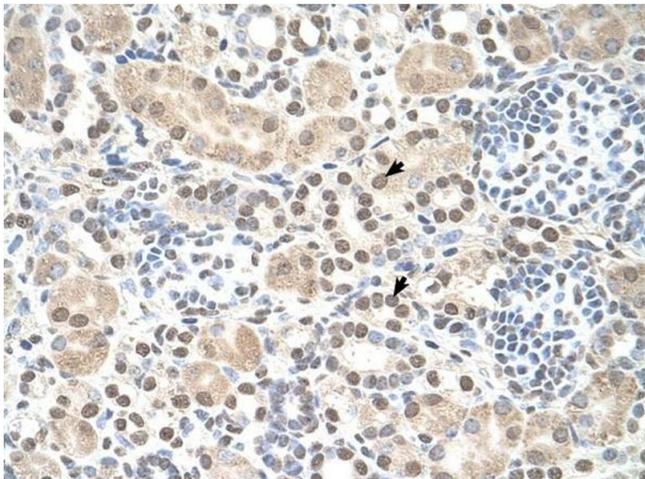
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



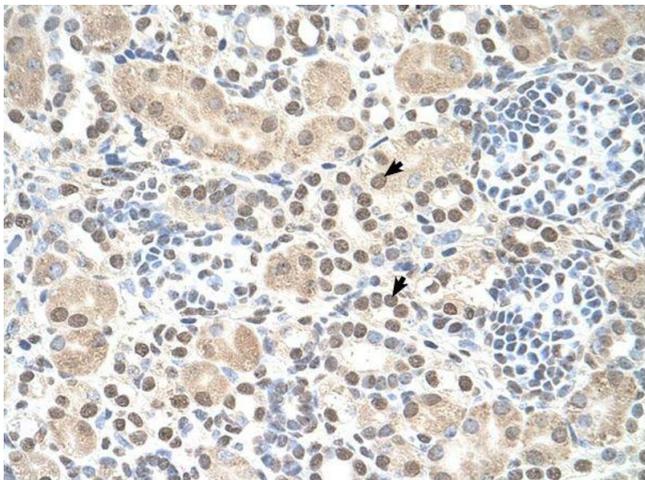
Western Blotting

Image 1. ST8SIA2 antibody used at 1 ug/ml to detect target protein.



Immunohistochemistry

Image 2. ST8SIA2 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Immunohistochemistry

Image 3. ST8SIA2 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X