

Datasheet for ABIN630398 **anti-UST antibody (C-Term)**



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3 Images

Overview

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

Product Details

Immunogen:	UST antibody was raised using the C terminal of UST corresponding to a region with amino acids YFKGVLSIYKDPEHRKLGNMTVTVKKTVPSPEAVQILYQRMRYEYEFYHY
Specificity:	UST antibody was raised against the C terminal of UST
Purification:	Purified

Target Details

Target:	UST
Alternative Name:	UST (UST Products)
Background:	UST catalyzes the transfer of sulfate to the position 2 of uronyl residues. UST has mainly activity toward iduronyl residues in dermatan sulfate, and weaker activity toward glucuronyl residues of chondroitin sulfate. It has no activity toward desulfated N-sulfated heparin.

Target Details

Molecular Weight:	48 kDa (MW of target protein)
Pathways:	Glycosaminoglycan Metabolic Process

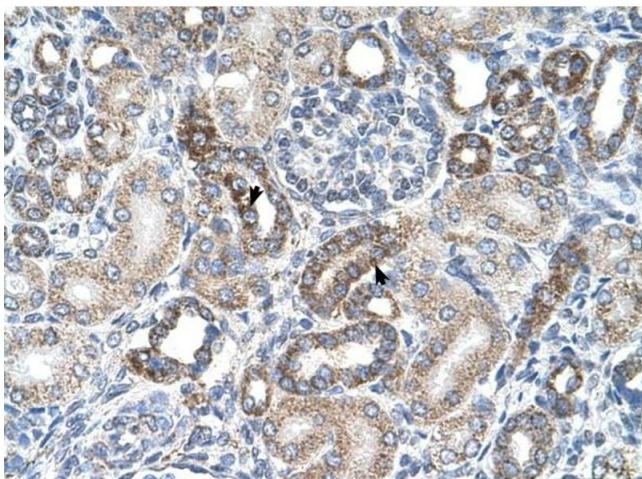
Application Details

Application Notes:	WB: 2.5 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	UST Blocking Peptide, catalog no. 33R-10095, is also available for use as a blocking control in assays to test for specificity of this UST antibody
Restrictions:	For Research Use only

Handling

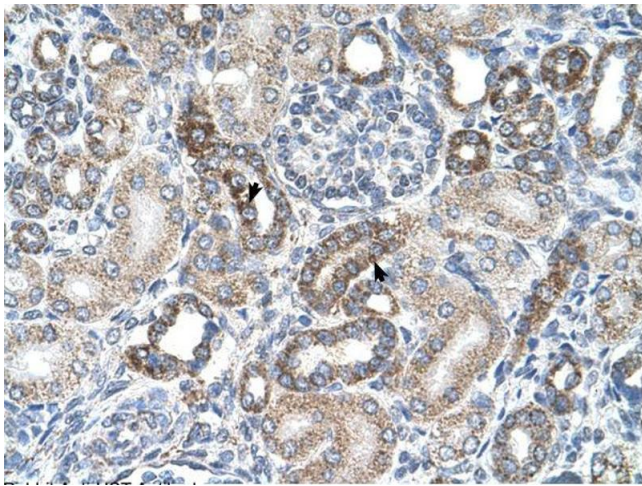
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of UST antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



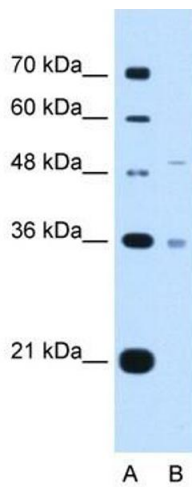
Immunohistochemistry

Image 1. UST antibody was used for immunohistochemistry at a concentration of 4-8 µg/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Immunohistochemistry

Image 2. UST antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X



Western Blotting

Image 3. UST antibody used at 2.5 ug/ml to detect target protein.