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2 Images



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Overview

Quantity:	200 μL
Target:	ST3GAL4
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST3GAL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein of human ST3GAL4 (NP_006269.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

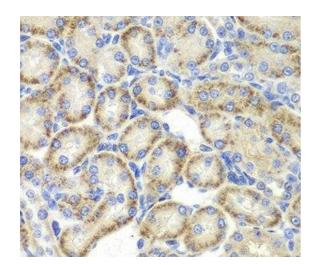
Target Details

Target:	ST3GAL4
Alternative Name:	ST3GAL4 (ST3GAL4 Products)
Background:	This gene encodes a member of the glycosyltransferase 29 family, a group of enzymes
	involved in protein glycosylation. The encoded protein is targeted to Golgi membranes but may
	be proteolytically processed and secreted. The gene product may also be involved in the
	increased expression of sialyl Lewis X antigen seen in inflammatory responses. Multiple

Target Details	
	transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	Observed_MW: 34-38 kDa
	Calculated_MW: 36 kDa/37 kDa/38 kDa
Gene ID:	6484
UniProt:	Q11206
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200
Restrictions:	For Research Use only

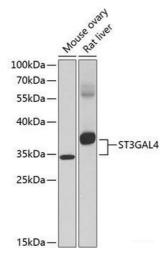
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Rat kidney using ST3GAL4 Polyclonal Antibody at dilution of 1:200 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using ST3GAL4 Polyclonal Antibody at dilution of 1:1000.