

Datasheet for ABIN7306530
anti-ST3GAL4 antibody

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ST3GAL4
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST3GAL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human ST3GAL4
Specificity:	Recognizes endogenous levels of ST3GAL4 protein.
Characteristics:	Rabbit polyclonal antibody to ST3GAL4
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	ST3GAL4
Alternative Name:	ST3GAL4 (ST3GAL4 Products)
Background:	CGS23, NANTA3, SIAT4C, STZ, CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4, Alpha 2,3-ST 4, Beta-galactoside alpha-2,3-sialyltransferase 4, Alpha 2,3-sialyltransferase IV, Gal-NAc6S, Gal-beta-1,4-GalNAc-alpha-2,3-sialyltransferase, SAT-3, ST-4,

Target Details

	ST3Gal IV, ST3GalIV, ST3GalA.2, STZ, Sialyltransferase 4C, SIAT4-C
Gene ID:	6484, 363040
UniProt:	Q11206 , P61131
Pathways:	Glycosaminoglycan Metabolic Process

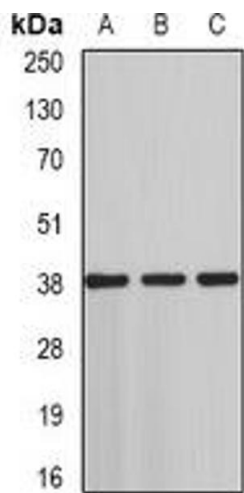
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:10 - 1:100)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



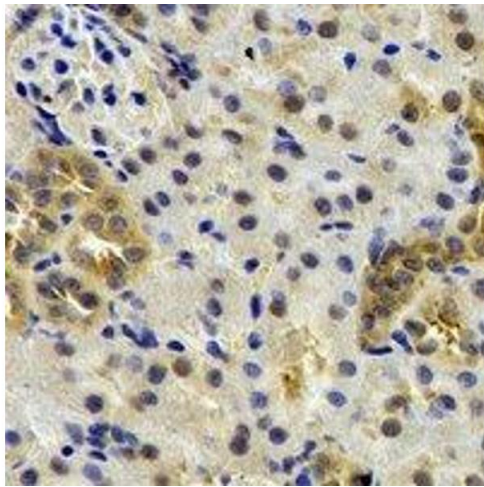
Western Blotting

Image 1. Western blot analysis of ST3GAL4 expression in HT29 (A), rat testis (B), rat liver (C) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of ST3GAL4 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



Immunohistochemistry

Image 3. Immunohistochemical analysis of ST3GAL4 staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the