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Datasheet for ABIN7262675 anti-ST3GAL3 antibody

5 Images



Overview

Quantity:	200 μL
Target:	ST3GAL3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST3GAL3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human ST3GAL3 (NP_006270.1).
lsotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

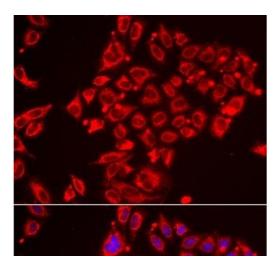
Target:	ST3GAL3
Alternative Name:	ST3GAL3 (ST3GAL3 Products)
Background:	The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form.
	This protein is a member of glycosyltransferase family 29. Mutations in this gene have been

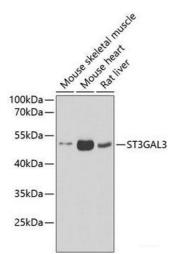
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Target Details

	associated with autosomal recessive nonsymdromic mental retardation-12 (MRT12). Multiple transcript variants encoding several different isoforms have been found for this gene.
Molecular Weight:	Observed_MW: 42 kDa Calculated_MW: 5 kDa/8 kDa/11-49 kDa
Gene ID:	6487
UniProt:	Q11203
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 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

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.



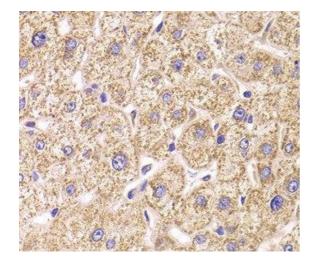


Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using ST3GAL3 Polyclonal Antibody

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using ST3GAL3 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human liver damage using ST3GAL3 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 5 images are available for ABIN7262675.

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