Datasheet for ABIN1881841

anti-ST6GAL1 antibody (AA 178-206)

1 Image | 4 Publications

Go to Product page

Overview

Quantity:	400 µL
Target:	ST6GAL1
Binding Specificity:	AA 178-206
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST6GAL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ST6GAL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 178-206 amino acids from the Central region of human ST6GAL1.
Clone:	RB41682
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ST6GAL1
Alternative Name:	ST6GAL1 (ST6GAL1 Products)
Background:	This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II

Target Details

	membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Three transcript variants encoding two different isoforms have been described.
Molecular Weight:	46605
NCBI Accession:	NP_003023, NP_775323, NP_775324
UniProt:	P15907

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

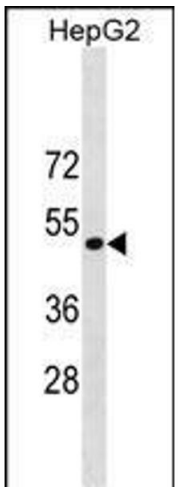
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	Akpa, Oyejola: "Modeling the transmission dynamics of HIV/AIDS epidemics: an introduction and a review." in: **Journal of infection in developing countries**, Vol. 4, Issue 10, pp. 597-608, (2010) (PubMed). Kladney, Cardiff, Kwiatkowski, Chiang, Weber, Arbeit, Lu: "Tuberous sclerosis complex 1: an epithelial tumor suppressor essential to prevent spontaneous prostate cancer in aged mice." in: **Cancer research**, Vol. 70, Issue 21, pp. 8937-47, (2010) (PubMed).

Publications

Images



Western Blotting

Image 1. ST6GAL1 Antibody (Center) (ABIN1881841 and ABIN2838853) western blot analysis in HepG2 cell line lysates (35 µg/lane).This demonstrates the ST6GAL1 antibody detected the ST6GAL1 protein (arrow).