

Datasheet for ABIN652723

anti-CSGALNACT2 antibody (AA 200-229)**3** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	CSGALNACT2
Binding Specificity:	AA 200-229
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSGALNACT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This CSGALNACT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 200-229 amino acids from the Central region of human CSGALNACT2.
Clone:	RB23569
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CSGALNACT2
Alternative Name:	CSGALNACT2 (CSGALNACT2 Products)

Target Details

Background:	Transfers 1,4-N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of glucuronic acid (GlcUA). It is required for addition of the first GalNAc to the core tetrasaccharide linker and for elongation of chondroitin chains.
Molecular Weight:	62572
Gene ID:	55454
NCBI Accession:	NP_061060
UniProt:	Q8N6G5
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

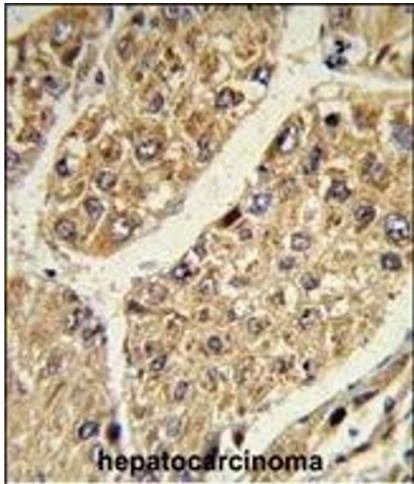
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

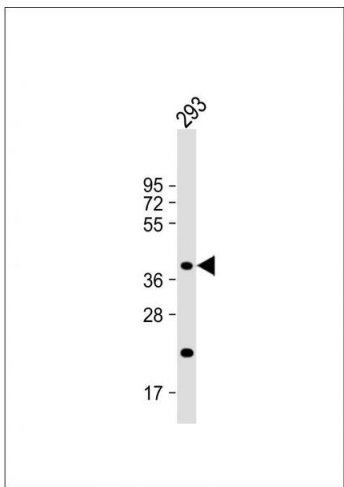
Publications

Product cited in:	Zhang, Liu, Xu, Sun, Gong, Shao: "Neferine, an alkaloid ingredient in lotus seed embryo, inhibits proliferation of human osteosarcoma cells by promoting p38 MAPK-mediated p21 stabilization. " in: European journal of pharmacology , Vol. 677, Issue 1-3, pp. 47-54, (2012) (PubMed).
-------------------	---



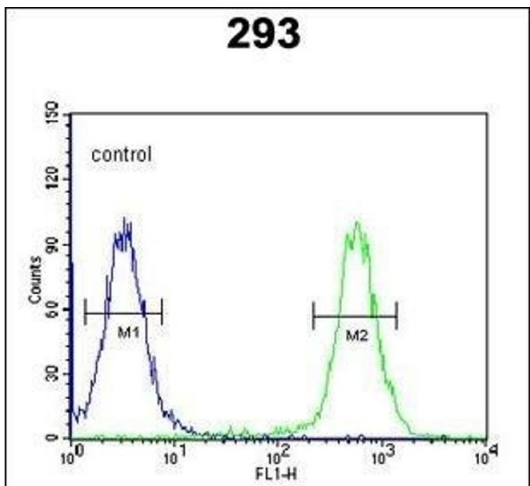
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with CSGALNACT2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-CSGALNACT2 Antibody (Center) at 1:1000 dilution + 293 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 63 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Flow Cytometry

Image 3. CSGALNACT2 Antibody (Center) (ABIN652723 and ABIN2842479) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.