Datasheet for ABIN656706

anti-XYLT1 antibody (N-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	XYLT1
Binding Specificity:	AA 126-155, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XYLT1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This XYLT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 126-155 amino acids from the N-terminal region of human XYLT1.
Clone:	RB30222
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	XYLT1
Alternative Name:	XYLT1 (XYLT1 Products)

Target Details

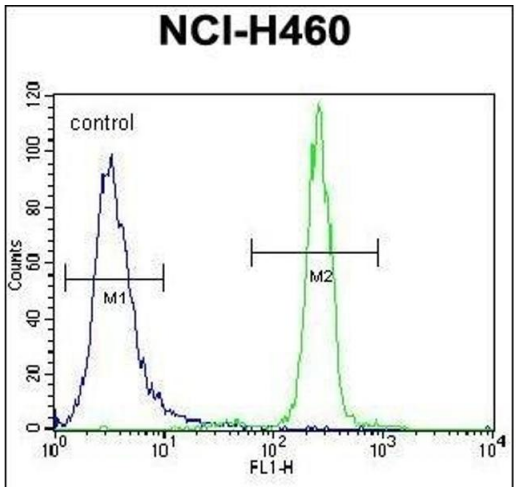
Background:	This locus encodes a xylosyltransferase enzyme. The encoded protein catalyzes transfer of UDP-xylose to serine residues of an acceptor protein substrate. This transfer reaction is necessary for biosynthesis of glycosaminoglycan chains. Mutations in this gene have been associated with increased severity of pseudoxanthoma elasticum.
Molecular Weight:	107569
Gene ID:	64131
NCBI Accession:	NP_071449
UniProt:	Q86Y38
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

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

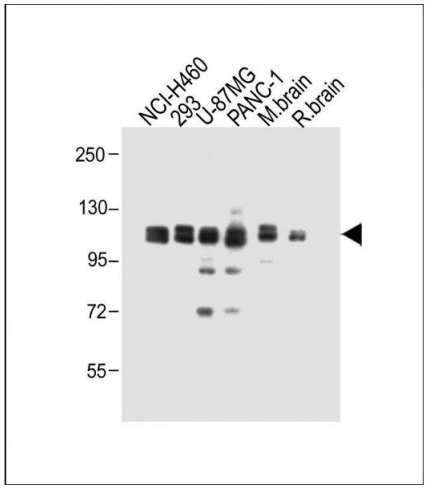
Handling

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:	XYLT1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Flow Cytometry

Image 1. XYLT1 Antibody (N-term) (ABIN656706 and ABIN2845937) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. All lanes : Anti-XYLT1 Antibody (N-term) at 1:1000 dilution Lane 1: NCI- whole cell lysate Lane 2: 293 whole cell lysate Lane 3: U-87MG whole cell lysate Lane 4: NC-1 whole cell lysate Lane 5: Mouse brain whole cell lysate Lane 6: Rat brain 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 : 108 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.