

Rabbit XYLT1 Polyclonal Antibody | anti-XYLT1 antibody

XYLT1 Antibody (N-term)

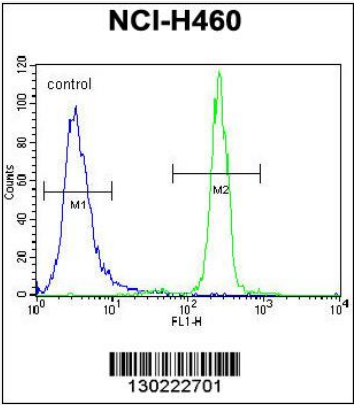
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290314	Rabbit	Human, Mouse, Rat Predicted Reactivity: Mouse, Rat	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

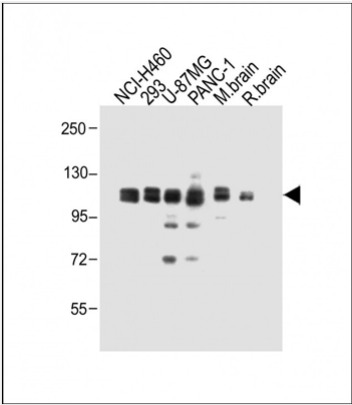
XYLT1; Polyclonal Antibody; XYLT1 Antibody (N-term); Xylosyltransferase 1; Peptide O-xylosyltransferase 1; Xylosyltransferase I; XT-I; XylT-I; XT1; anti-XYLT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	126-155
Sequence Length	959
Applicable Applications for anti-XYLT1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
XYLT1 Antibody (N-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
All lanes : Anti-XYLT1 Antibody (N-term) at 1:1000 dilution Lane 1: NCI-H460 whole cell lysate Lane 2: 293 whole cell lysate Lane 3: U-87MG whole cell lysate Lane 4: PANC-1 whole cell lysate Lane 5: Mouse brain whole cell lysate Lane 6: Rat brain whole cell lysate Lysates/proteins at 20 ug 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.

ADDITIONAL INFORMATION

Related Product Information for anti-XYLT1 antibody	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.
Product Categories/Family for anti-XYLT1 antibody	Signal Transduction
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Muller, B., et al. J. Biol. Chem. 284(45):30775-30782(2009) Ponighaus, C., et al. Am. J. Hypertens. 22(4):432-436(2009) Ambrosius, M., et al. Clin. Biochem. 42 (1-2), 1-4 (2009) : Schon, S., et al. J. Med. Genet. 43(9):745-749(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28269693
NCBI GeneID	64131
NCBI Accession #	NP_071449.1
NCBI GenBank Nucleotide #	NM_022166.3
UniProt Accession #	Q86Y38; Q9H1B6
Molecular Weight	107569
NCBI Official Full Name	xylosyltransferase 1
NCBI Official Synonym Full Names	xylosyltransferase I
NCBI Official Symbol	XYLT1
NCBI Official Synonym Symbols	XT1; XTI; XT-I; DBQD2; XYLTI; PXYLT1
NCBI Protein Information	xylosyltransferase 1

UniProt Protein Name	Xylosyltransferase 1
UniProt Gene Name	XYLT1
UniProt Synonym Gene Names	XT1; XT-I; XylT-I
UniProt Entry Name	XYLT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/xylt1-antibody-flow-cytometry-western-blot-elisa/290314>