

Rabbit XYLT2 Polyclonal Antibody | anti-XYLT2 antibody

XYLT2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200025	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

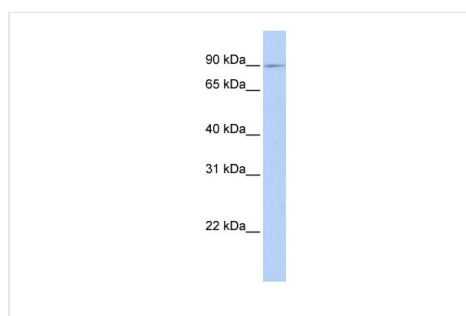
PRODUCT SYNONYMS

XYLT2; Polyclonal Antibody; XYLT2 antibody - C-terminal region; anti-XYLT2 antibody

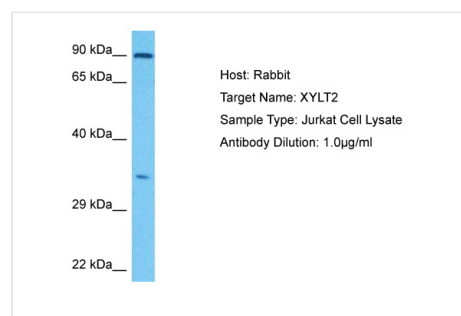
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LR PGPWTVRLQ FWEPLGETRF LVLPLTFNRK LPLRKDDASW LHAGPPHN
Sequence Length	865
Applicable Applications for anti-XYLT2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human XYLT2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-XYLT2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Muscle


WB (Western Blot)

Host: Rabbit
Target Name: XYLT2
Sample Type: Jurkat Cell Lysate
Antibody Dilution: 1.0 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-XYLT2 antibody	This is a rabbit polyclonal antibody against XYLT2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: XYLT2 is an isoform of xylosyltransferase, which belongs to a family of glycosyltransferases. This enzyme transfers xylose from UDP-xylose to specific serine residues of the core protein and initiates the biosynthesis of glycosaminoglycan chains in proteoglycans including chondroitin sulfate, heparan sulfate, heparin and dermatan sulfate. The enzyme activity, which is increased in scleroderma patients, is a marker for the determination of sclerotic activity in systemic sclerosis. The protein encoded by this gene is an isoform of xylosyltransferase, which belongs to a family of glycosyltransferases. This enzyme transfers xylose from UDP-xylose to specific serine residues of the core protein and initiates the biosynthesis of glycosaminoglycan chains in proteoglycans including chondroitin sulfate, heparan sulfate, heparin and dermatan sulfate. The enzyme activity, which is increased in scleroderma patients, is a marker for the determination of sclerotic activity in systemic sclerosis. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-XYLT2 antibody	Polyclonal; Signal Proteins; Membrane Protein; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611246
NCBI GeneID	64132
NCBI Accession #	NP_071450
NCBI GenBank Nucleotide #	NM_022167
UniProt Accession #	Q9H1B5
Molecular Weight	97kDa
NCBI Official Full Name	xylosyltransferase 2
NCBI Official Synonym Full Names	xylosyltransferase 2
NCBI Official Symbol	XYLT2
NCBI Official Synonym Symbols	SOS; XT2; XT-II; PXYLT2; xylT-II
NCBI Protein Information	xylosyltransferase 2
UniProt Protein Name	Xylosyltransferase 2
UniProt Gene Name	XYLT2
UniProt Synonym Gene Names	XT2; UNQ3058/PRO9878; XT-II; XylT-II
UniProt Entry Name	XYLT2_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://www.aaabiotech.com/polyclonal/xylt2-antibody-western-blot-elisa/200025>