antibodies -online.com





anti-XYLT2 antibody (C-Term)







100 μL
XYLT2
C-Term
Mouse, Human, Rat, Dog, Rabbit, Horse, Cow, Guinea Pig
Rabbit
Polyclonal
This XYLT2 antibody is un-conjugated

Western Blotting (WB)

Product Details

Application:

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human XYLT2
Sequence:	LRPGPWTVRL LQFWEPLGET RFLVLPLTFN RKLPLRKDDA SWLHAGPPHN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against XYLT2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Tanada	VA/I TO	
Target:	XYLIZ	

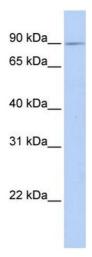
Target Details

Alternative Name:	XYLT2 (XYLT2 Products)
Background:	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 diagnostic 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 diagnostic 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.
	Alias Symbols: XT-II, XT2, xyIT-II, PXYLT2
	Protein Size: 865
Molecular Weight:	97 kDa
Gene ID:	64132
NCBI Accession:	NM_022167, NP_071450
JniProt:	Q9H1B5
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 865 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

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