

Datasheet for ABIN2459323

anti-XYLT2 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	XYLT2
Reactivity:	Mouse, Human, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XYLT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human XYLT2.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	XYLT2
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

Target Details

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.

Molecular Weight:	97 kDa
Gene ID:	64132
NCBI Accession:	NP_071450
UniProt:	Q9H1B5
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	XYLT2 antibody can be used for detection of XYLT2 by ELISA at 1:312500. XYLT2 antibody can be used for detection of XYLT2 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store XYLT2 antibody at -20 °C.



Western Blotting

Image 1.