

XYLT2 Polyclonal Antibody

Catalog NumberPA5-29127

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	1:500-1:3,000
Type	Antibody	Immunocytochemistry (ICC/IF)	1:100-1:1,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 272 and 520 of Human Xylosyltransferase II	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, A431, HeLa, Raji. Predicted reactivity: Mouse (98%), Rat (98%), Zebrafish (84%), Japanese Medaka (82%), Dog (98%), Chicken (93%), Chimpanzee (100%), Bovine (95%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

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.

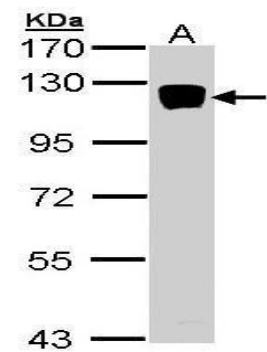
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Product Images For XYLT2 Polyclonal Antibody



XYLT2 Antibody (PA5-29127) in WB

Western Blot using XYLT2 Polyclonal Antibody (Product # PA5-29127). Sample (30 µg of whole cell lysate). Lane A: Hela . 7.5% SDS PAGE. XYLT2 Polyclonal Antibody (Product # PA5-29127) diluted at 1:1,000.

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