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Datasheet for ABIN7465817

## anti-XYLT2 antibody

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Overview			
Quantity:	100 μL		
Target:	XYLT2		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This XYLT2 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)		
Product Details			
Immunogen:	Recombinant protein encompassing a sequence within the center region of human		
	Xylosyltransferase II. The exact sequence is proprietary.		
Isotype:	IgG		
Cross-Reactivity:	Human		
Purification:	Purified by antigen-affinity chromatography.		
Target Details			
Target:	XYLT2		
Alternative Name:	xylosyltransferase 2 (XYLT2 Products)		
Background:	Xylosyltransferase 2, PXYLT2, SOS, XT-II, XT2, xylT-II, 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		

## **Target Details**

Target Details			
	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. [provided by RefSeq]		
Molecular Weight:	97 kDa		
Gene ID:	64132		
UniProt:	Q9H1B5		
Pathways:	Glycosaminoglycan Metabolic Process		
Application Details			
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determine by the researcher. Not tested in other applications.		
Comment:	Positive Control: HeLa		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 mg/mL		
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal		
Preservative:	Thimerosal (Merthiolate)		
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANC which should be handled by trained staff only.		
Storage:	4 °C,-20 °C		
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid		

multiple freeze-thaw cycles.