

## Product datasheet for **TA367792**

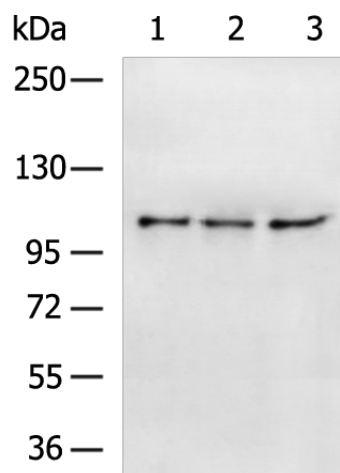
### **XYLT1 Rabbit Polyclonal Antibody**

#### **Product data:**

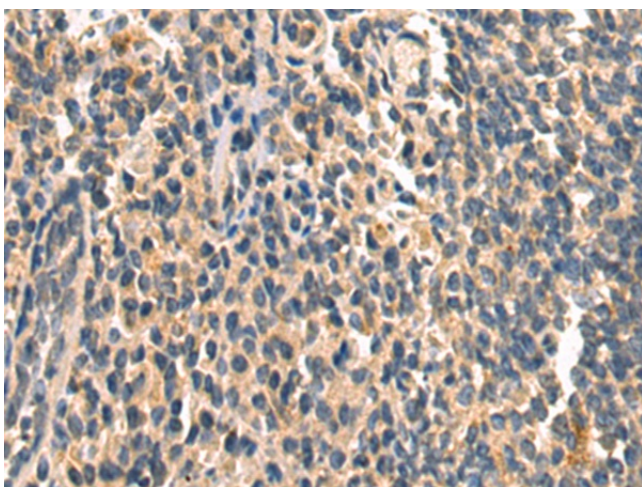
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela, Jurkat, A549 cell lysates IHC: 50-100 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human XYLT1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	108 kDa
Gene Name:	xylosyltransferase 1
Database Link:	<a href="#">Entrez Gene 64131 Human Q86Y38</a>
Background:	This locus encodes a xylosyltransferase enzyme. The encoded protein catalyzes transfer of UDP-xylose to serine residues of an acceptor protein substrate. This transfer reaction is necessary for biosynthesis of glycosaminoglycan chains. Mutations in this gene have been associated with increased severity of pseudoxanthoma elasticum.
Synonyms:	PXYLT1; XT-I; XT1; XTl; XylT-I; XYLTl



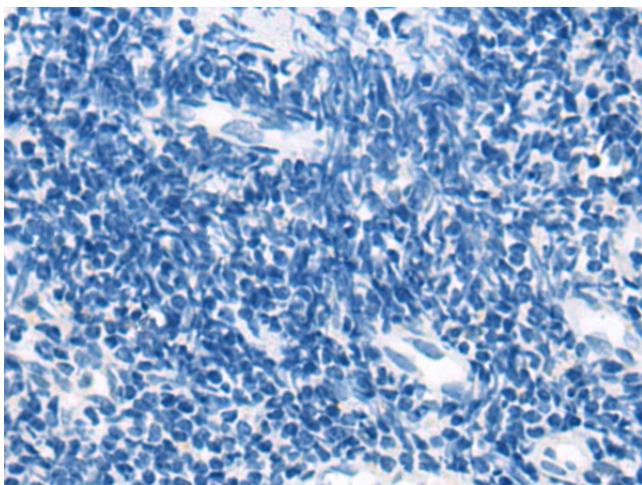
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**Product images:**

Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-3: HeLa  
Jurkat  
A549 cell lysates  
Primary antibody: TA367792 (XYLT1 Antibody) at dilution 1/700  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 2 minutes



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA367792 (XYLT1 Antibody) at dilution 1/30 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA367792 (XYLT1 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification:  $\times 200$ )