

## Product datasheet for **TA338489**

### **XYLT1 Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The immunogen for anti-XYLT1 antibody: synthetic peptide directed towards the middle region of human XYLT1. Synthetic peptide located within the following region: RITNWNRLKLGCKCQYKHIVDWCGCSPNDFKPDHFHRFQQQTARPTFFARKF
<b>Formulation:</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
<b>Purification:</b>	Affinity Purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	107 kDa
<b>Gene Name:</b>	xylosyltransferase 1
<b>Database Link:</b>	<a href="#">NP_071449</a> <a href="#">Entrez Gene 64131 Human Q86Y38</a>
<b>Background:</b>	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.
<b>Synonyms:</b>	DBQD2; PXYLT1; XT-I; XT1; XTl; xylT-I; XYLTl



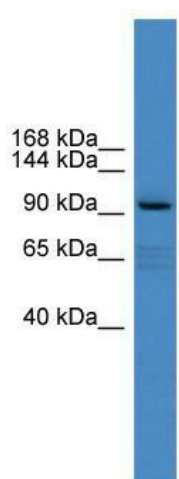
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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 79%

**Protein Families:** Transmembrane

**Protein Pathways:** Chondroitin sulfate biosynthesis, Heparan sulfate biosynthesis, Metabolic pathways

**Product images:**



WB Suggested Anti-XYLT1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: PANC1 cell lysate