

XYLT1 Conjugated Antibody

Catalog No: #C43975



Package Size: #C43975-AF350 100ul #C43975-AF405 100ul #C43975-AF488 100ul
 #C43975-AF555 100ul #C43975-AF594 100ul #C43975-AF647 100ul
 #C43975-AF680 100ul #C43975-AF750 100ul #C43975-Biotin 100ul

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Description

Product Name	XYLT1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total XYLT1 protein.
Immunogen Description	Synthetic peptide of human XYLT1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	XT1;XTI;XT-I;DBQD2;XYLTI;PXYLT1
Accession No.	Swiss-Prot#:Q86Y38NCBI Gene ID:64131NCBI mRNA#:NCBI Protein#:NP_071449
Uniprot	Q86Y38
GeneID	64131;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	108
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.

Note: This product is for in vitro research use only