

GXYLT2 Rabbit pAb

Catalog # AP98010

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	A0PJZ3
Other Accession	A0PJZ3
Predicted	Human, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51056
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GXYLT2
Epitope Specificity	101-200/443
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the glycosyltransferase 8 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	GXYLT2 is a xylosyltransferase (EC 2.4.2.-) that adds the first xylose to O-glucose-modified residues in the epidermal growth factor (EGF; MIM 131530) repeats of proteins such as NOTCH1 (MIM 190198) (Sethi et al., 2010 [PubMed 19940119]).[supplied by OMIM, Mar 2010]

Additional Information

Gene ID	727936
Other Names	GLT8D4; GXLT2_HUMAN; GXYLT2; Glycosyltransferase 8 domain-containing protein 4; 2.4.2.42; glucoside xylosyltransferase 2; glycosyltransferase 8 domain containing 4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GXYLT2
Synonyms	GLT8D4

Function	Glycosyltransferase which elongates the O-linked glucose attached to EGF-like repeats in the extracellular domain of Notch proteins by catalyzing the addition of xylose.
Cellular Location	Membrane; Single-pass type II membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.