

Rabbit Xylosyltransferase II Polyclonal Antibody | anti-XYLT2 antibody

Xylosyltransferase II (XYLT2) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144947	Rabbit	Mouse, Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Xylosyltransferase II; Polyclonal Antibody; Xylosyltransferase II (XYLT2) Polyclonal Antibody; XT-II; XT2; xylT-II; PXYLT2; Protein Xylosyltransferase 2; Peptide O-xylosyltransferase 1; anti-XYLT2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against XYLT2. It has been selected for its ability to recognize XYLT2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.68mg/ml (varies by lot)
Sequence Length	865
Applicable Applications for anti-XYLT2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Organism Species	Mouse
Fragment	XYLT2 (Phe596~Arg865)
Quality Control	Content: The quality control contains recombinant XYLT2 (Phe596~Arg865) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate; Lane 2: XYLT2 knockout HeLa cell lysate; Predicted MW: 97kd Observed MW: 95kd Primary Ab: 1ug/ml Rabbit Anti-Mouse XYLT2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin- embedded Kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human HeLa cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse XYLT2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-XYLT2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	165932343
NCBI GeneID	217119
NCBI Accession #	NP_665827.2
NCBI GenBank Nucleotide #	NM_145828.3
UniProt Accession #	Q9EPL0; Q5SU1; Q8K060
Molecular Weight	96,811 Da
NCBI Official Full Name	xylosyltransferase 2
NCBI Official Synonym Full Names	xylosyltransferase II
NCBI Official Symbol	Xylt2
NCBI Official Synonym Symbols	XT2; XT-II; xylT-II; E030002B02Rik
NCBI Protein Information	xylosyltransferase 2
UniProt Protein Name	Xylosyltransferase 2
UniProt Gene Name	Xylt2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.