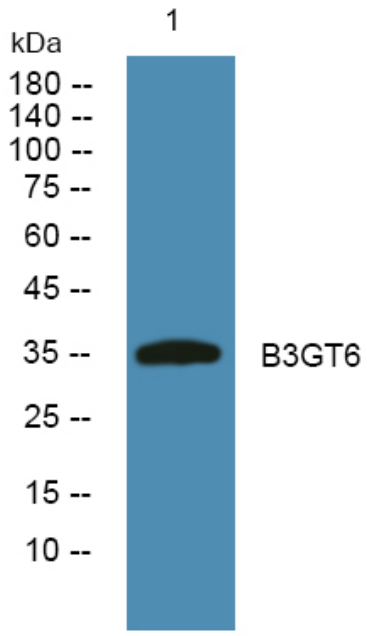
B3GT6 Polyclonal Antibody

Catalog No	YP-Ab-05374
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	B3GALT6
Protein Name	Beta-1,3-galactosyltransferase 6 (Beta-1,3-GalTase 6) (Beta3Gal-T6) (Beta3GalT6) (EC 2.4.1.134) (GAG GalTII) (Galactosyltransferase II) (Galactosylxylosylprotein 3-beta-galactosyltransferase) (UDP-Gal
Immunogen	Synthesized peptide derived from human protein . at AA range: 50-130
Specificity	B3GT6 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	36kD
Cell Pathway	Golgi apparatus, Golgi stack membrane ; Single-pass type II membrane protein .
Tissue Specificity	Ubiquitous.
Function	catalytic activity:UDP-galactose + 4-beta-D-galactosyl-O-beta-D-xylosylprotein = UDP + 3-beta-D-galactosyl-4-beta-D-galactosyl-O-beta-D-xylosylprotein.,caution:PubMed:9892646 describes the wrong protein; the cDNAs used had been switched inadvertently.,cofactor:Manganese.,function:Beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-linked galactose residue. Has a preference for galactose-beta-1,4-xylose that is found in the linker region of glycosaminoglycans, such as heparan sulfate and chondroitin sulfate. Has no activity towards substrates with terminal glucosamine or galactosamine residues.,online information:Beta-1,3-galactosyltransferase 6,online information:GlycoGene database,pathway:Glycan metabolism; chondroitin sulfate biosynthesis.,pathway:Glycan metabolism; heparan sulfate biosynthesis.,similarity:Belongs to the glycosy

Background	The enzyme encoded by this intronless gene is a beta-1,3-galactosyltransferase found in the medial Golgi apparatus, where it catalyzes the transfer of galactose from UDP-galactose to substrates containing a terminal beta-linked galactose moiety. The encoded enzyme has a particular affinity for galactose-beta-1,4-xylose found in the linker region of glycosamines. This enzyme is required for glycosaminoglycan synthesis. [provided by RefSeq, Jun 2013],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4°over night