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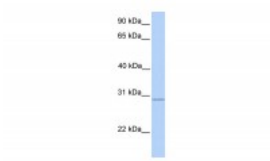
GALNT10 Antibody

CATALOG NUMBER: 26-349



Antibody used in WB on Human Liver at 0.2-1 ug/ml.

Specifications	
SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	GALNT10 antibody can be used for detection of GALNT10 by ELISA at 1:62500. GALNT10 antibody can be used for detection of GALNT10 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. XBL-10409 - Fetal Liver Tissue Lysate
PREDICTED MOLECULAR WEIGHT:	31 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human GALNT10.
HOST SPECIES:	Rabbit

Properties	
PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store GALNT10 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info	
ALTERNATE NAMES:	GALNT10, DKFZp586H0623, FLJ00205, FLJ11715, GalNAcT10, pp-GalNAc-T10, GALNACT10, PPGALNACT10, PPGANTASE10
ACCESSION NO.:	NP_060010

PROTEIN GI NO.:	38195093
OFFICIAL SYMBOL:	GALNT10
GENE ID:	55568

Background

BACKGROUND:	GALNT10 belongs to the polypeptide N-acetylgalactosaminyltransferase (pp-GalNAc-T) family. Polypeptide GalNAc transferases initiate the synthesis of mucin-type oligosaccharides by transferring GalNAc from UDP-GalNAc to the hydroxyl group of either a serine or threonine residue on the polypeptide acceptor. Following expression in insect cells, recombinant GalNAc transferase 10 showed significant GalNAcT activity toward mucin-derived peptides, and it utilized both nonglycosylated and glycosylated peptide substrates.This gene belongs to the polypeptide N-acetylgalactosaminyltransferase (pp-GalNAc-T) gene family. Polypeptide GalNAc transferases initiate the synthesis of mucin-type oligosaccharides by transferring GalNAc from UDP-GalNAc to the hydroxyl group of either a serine or threonine residue on the polypeptide acceptor. Following expression in insect cells, recombinant GalNAc transferase 10 showed significant GalNAcT activity toward mucin-derived peptides, and it utilized both nonglycosylated and glycosylated peptide substrates. Two transcript variants encoding distinct isoforms have been identified for this gene.
REFERENCES:	1) Cheng, L., (2002) FEBS Lett. 531 (2), 115-121.

FOR RESEARCH USE ONLY

December 12, 2016