For Research Use Only

GALNT7 Polyclonal antibody

Catalog Number:13962-1-AP 3 Publications

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Basic Information

Catalog Number:
13962-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG4917

GenBank Accession Number:
BC047468

GeneID (NCBI):
51809

UNIPROT ID:
Q86SF2

Full Name:
UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 7 (GalNAc-T7)

Calculated MW:
75.4 kDa

Observed MW:
75 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:3000
IHC: 1:150-1:600

Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, HepG2 cells, human brain tissue

IHC : human stomach tissue,

Background Information

GALNT7 is a member of GALNT family that are glycotransferases involved in oligosaccharide biosynthesis. Aberrant glycosylation has been linked to tumor development and progression. Increased expression of GALNT7 has been observed in cervical cancer cells. (PMID: 22399294)

Notable Publications

Author	Pubmed ID	Journal	Application
Masashi Kuroki	40844495	J Pathol Clin Res	IHC
Qianyi Wang	40637047	Eur J Histochem	IHC
Xiangjun Zhou	36777862	Am J Transl Res	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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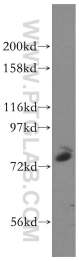
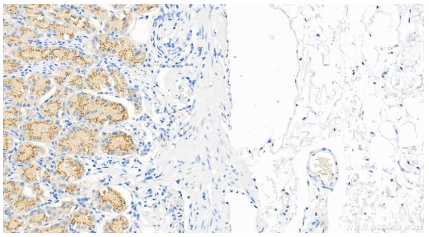
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 13962-1-AP (GALNT7 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 13962-1-AP (GALNT7 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).