

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GALNS



Numéro de catalogue: 14933-1-AP

Informations de base

Numéro de catalogue: 14933-1-AP	Numéro d'acquisition GenBank: BC050684	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 2588	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: galactosamine (N-acetyl)-6-sulfate sulfatase	
Isotype: IgG	MW calculé: 58 kDa	
Immunogen Catalog Number: AG6746	MW observés: 50-55 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Spécificité de l'espèce:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules MCF-7, cellules HeLa, cellules HepG2, tissu hépatique humain

IHC : tissu de cancer du foie humain,

Informations générales

GALNS(N-acetylgalactosamine-6-sulfatase) is also named as chondroitinase and belongs to the sulfatase family. It is one of sulfatases required to degrade glycosaminoglycans (GAGs), keratan sulfate (KS) and chondroitin-6-sulfate (C6S) and the enzyme is a dimer derived from two 60 kDa polypeptides, each of which is processed to 40 kDa and 15 kDa polypeptide subunits linked by disulfide bonds(PMID:15241807). The deduced 522-residue protein is composed of a 26-amino acid N-terminal signal peptide and a mature polypeptide of 496 amino acid residues, including 2 potential asparagine-linked glycosylation sites(PMID:1755850). Defects in GALNS are the cause of mucopolysaccharidosis type 4A (MPS4A), also known as Morquio A syndrome.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

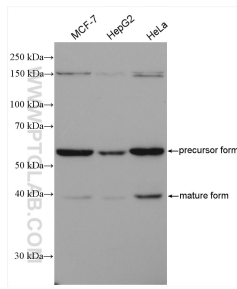
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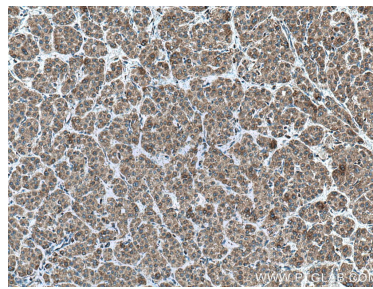
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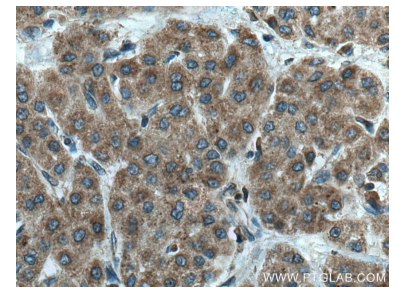
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 14933-1-AP (GALNS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14933-1-AP (GALNS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14933-1-AP (GALNS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).