

Allgemeine Informationen

Katalog-Nr.: 14933-1-AP	GenBank-Zugangsnummer: BC050684	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 450 µg/ml von Nanodrop und 267 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 2588	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: galactosamine (N-acetyl)-6-sulfate sulfatase	
Isotyp: IgG	Berechnete Masse: 58 kDa	
Immunogen Katalognummer: AG6746	Beobachtete Masse: 50-55 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB,ELISA	Positivkontrollen:
Getestete Reaktivität: Human, Maus, Ratte	WB : MCF-7-Zellen, HeLa-Zellen, HepG2-Zellen, humanes Lebergewebe
Hinweis-IHC: Antigenmaskierung mit TE- Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC : humanes Leberkarzinomgewebe,

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

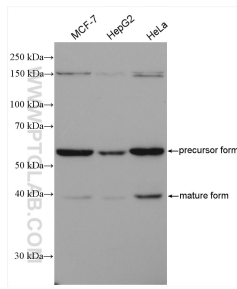
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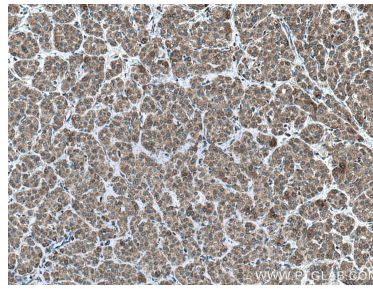
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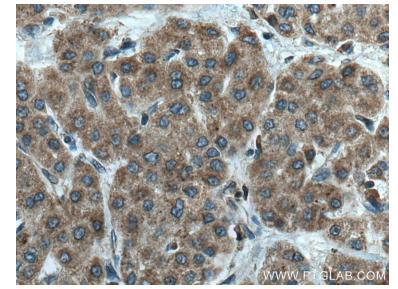
Ausgewählte Validierungsdaten



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).