

À des fins de recherche uniquement

Anticorps Monoclonal anti-Iduronate 2 sulfatase



Numéro de catalogue: 66112-1-Ig

Informations de base

Numéro de catalogue: 66112-1-Ig	Numéro d'acquisition GenBank: BC006170	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 900 µg/ml by Nanodrop and 520 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3423	CloneNo.: 1A3F9
Hôte: Mouse	Nom complet: iduronate 2-sulfatase	Dilutions recommandées: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:20-1:200
Isotype: IgG1	MW calculé 312aa,35 kDa; 550aa,62 kDa	
Immunogen Catalog Number: AG19095	MW observés: 76 kDa, 55 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain, porc, 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 : placenta humain, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain

IHC : tissu hépatique humain,

IF : cellules HepG2,

Informations générales

Iduronate 2-sulfatase (IDS) is required for the lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations causing IDS deficiency in humans result in the lysosomal storage of these glycosaminoglycans and Hunter syndrome, an X chromosome-linked disease. IDS is synthesized as two precursor forms of 76 and 90 kDa that are converted, through a 62 kDa intermediate, to 55 and 45 kDa mature polypeptides due to an internal proteolytic cleavage (PMID: 10838181).

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.

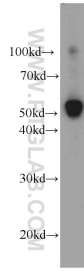
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

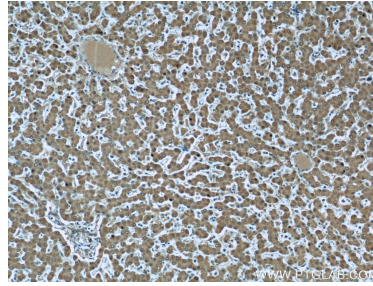
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

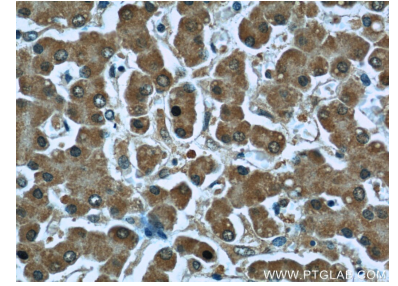
Données de validation sélectionnées



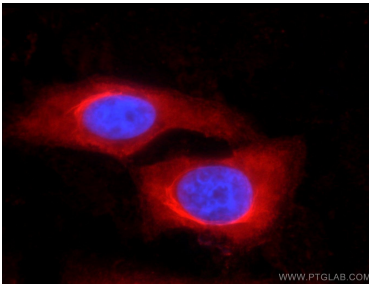
human placenta tissue were subjected to SDS PAGE followed by western blot with 66112-1-Ig (Iduronate 2 sulfatase antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



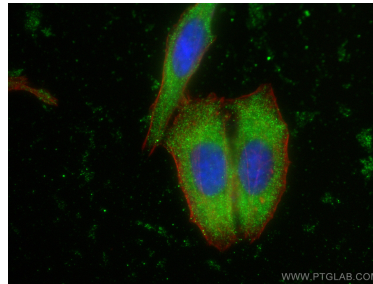
Immunohistochemical analysis of paraffin-embedded human liver slide using 66112-1-Ig (Iduronate 2 sulfatase antibody at dilution of 1:50.



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Immunofluorescent analysis of HepG2 cells using 66112-1-Ig (Iduronate 2 sulfatase antibody) at dilution of 1:50 and Rhodamine-Goat anti-Mouse IgG.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Iduronate 2 sulfatase antibody (66112-1-Ig, Clone: 1A3F9) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).