

anti- Iduronate 2 sulfatase antibody

Product Information

Catalog No.:	FNab04130
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	2D2
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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).

Immunogen information

Immunogen:	iduronate 2-sulfatase
Synonyms:	IDS, iduronate 2 sulfatase, Idursulfase
Observed MW:	76 kDa, 55 kDa
Uniprot ID :	P22304

Application

Reactivity:	Human
Tested Application:	ELISA, WB, IHC, IF

Wuhan Fine Biotech Co., Ltd.

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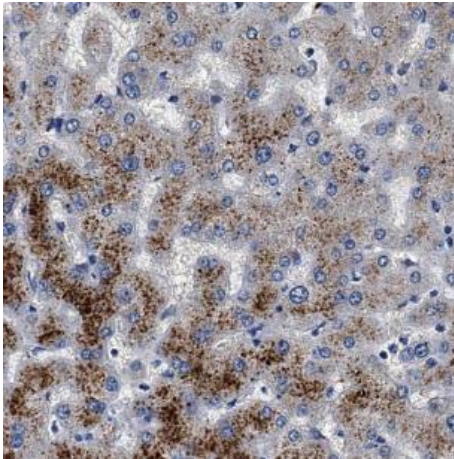
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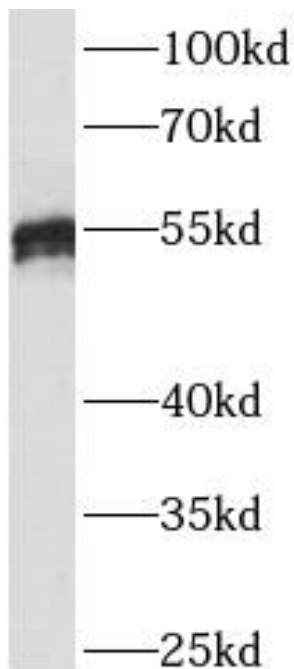
www.fn-test.com

Recommended dilution: WB: 1:500-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human liver slide using FNab04130(IDS Antibody) at dilution of 1:50



human placenta tissue were subjected to SDS PAGE followed by western blot with FNab04130(IDS antibody) at dilution of 1:500