

Rabbit anti-Human Iduronate 2 sulfatase Polyclonal Antibody | anti-IDS antibody

Anti-Iduronate 2 sulfatase antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45420	Rabbit	Human	Immunohistochemistry, Western Blot

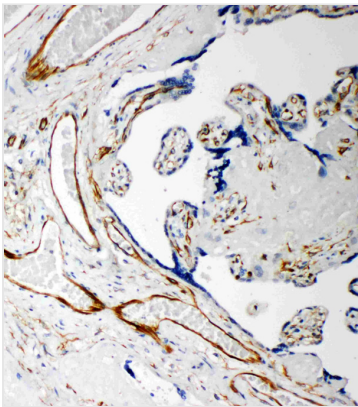
PRODUCT SYNONYMS

Iduronate 2 sulfatase; Polyclonal Antibody; Anti-Iduronate 2 sulfatase antibody; Iduronate 2-sulfatase; iduronate 2-sulfatase; Alpha L iduronate sulfate sulfatase antibody; Alpha-L-iduronate sulfate sulfatase antibody; AW214631 antibody; Ids antibody; IDS_HUMAN antibody; Iduronate 2 sulfatase 14 kDa chain antibody; Iduronate 2 sulfatase 42 kDa chain antibody; Iduronate 2 sulfatase antibody; Iduronate 2-sulfatase 14 kDa chain antibody; Iduronate sulfatase antibody; Idursulfase antibody; MPS2 antibody; RP23-29M4.1 antibody; SIDS antibody; anti-IDS antibody

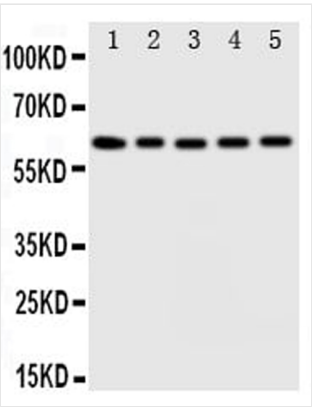
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	550
Applicable Applications for anti-IDS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Iduronate 2 sulfatase (430-448aa ELCREGKNLLKHFRFRDLE).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Iduronate 2 sulfatase antibody, AAA45420, IHC(P)IHC(P): Human Placenta Tissue



WB (Western Blot)
Anti-Iduronate 2 sulfatase antibody, AAA45420, Western blottingLane 1: HELA Cell LysateLane 2: SMMC Cell LysateLane 3: A549 Cell LysateLane 4: MCF-7 Cell LysateLane 5: COLO Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-IDS antibody	Description: Rabbit IgG polyclonal antibody for Iduronate 2-sulfatase(IDS) detection. Tested with WB, IHC-P in Human. Background: IDS(Iduronate-2-sulfatase) is a sulfatase enzyme associated with Hunter syndrome. Iduronate 2-sulfatase is involved in the lysosomal degradation of the glycosaminoglycans heparan sulfate and dermatan sulfate. Wilson et al.(1991) used an IDS cDNA clone to localize the gene to Xq28, distal to the fragile X site. Faust et al.(1992) and Daniele et al.(1993) demonstrated that the homologous Ids gene in the mouse occupies the same position on the X chromosome in relation to the FMR1, F9, and GABRA3 genes. Iduronate-2-sulfatase is required for the lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations in this X-chromosome gene that result in enzymatic deficiency lead to the sex-linked mucopolysaccharidosis type II, also known as Hunter syndrome. Iduronate-2-sulfatase has a strong sequence homology with human arylsulfatases A, B, and C, and human glucosamine-6-sulfatase.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124174
NCBI GeneID	3423
UniProt Accession #	P22304; Q14604; Q9BRM3; D3DWT4
Molecular Weight	34,893 Da
NCBI Official Full Name	Iduronate 2-sulfatase
NCBI Official Synonym Full Names	iduronate 2-sulfatase
NCBI Official Symbol	IDS
NCBI Official Synonym Symbols	MPS2; SIDS
NCBI Protein Information	iduronate 2-sulfatase; idursulfase; iduronate 2-sulfatase 14 kDa chain; iduronate 2-sulfatase 42 kDa chain; alpha-L-iduronate sulfate sulfatase
UniProt Protein Name	Iduronate 2-sulfatase
UniProt Gene Name	IDS
UniProt Synonym Gene Names	SIDS; Idursulfase
UniProt Entry Name	IDS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/iduronate-2-sulfatase-antibody-immunohistochemistry-western-blot-elisa/45420>