

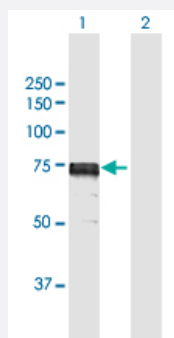
MaxPab®

IDS MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003423-D01

Size 100 uL

Applications

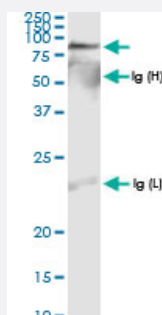


Western Blot (Transfected lysate)

Western Blot analysis of IDS expression in transfected 293T cell line ([H00003423-T02](#)) by IDS MaxPab polyclonal antibody.

Lane 1: IDS transfected lysate (61.90 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of IDS transfected lysate using anti-IDS MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with IDS MaxPab rabbit polyclonal antibody (D01) ([H00003423-D01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human IDS protein.

Immunogen

IDS (NP_000193.1, 1 a.a. ~ 550 a.a) full-length human protein.

Sequence	MPPPRRTGRGLLWLGLVLSSVCVALGSETQANSTTDALNVLLIVDDLRLPSLGCYGDKLVRSPNIDQ LASHSLLFQNAFAQQAVCAPSRVSFLTGRRPDTTRL YDFNSYWRVHAGNFSTIPQYFKENGYVTM SVGKVFHPGISSNHTDDSPYSWSFPPYHPSSEKYENTKTCRPGDGELHANLLCPVDVLDVPEGT LPDKQSTEQAIIQLLEKMKTSASPFFLA VGYHKPHIPFRYPKEFQKLYPLENITLAPDPEVPDGLPPV AYNPWMDIRQREDVQALNISVPYGPVDFQRKIRQSYFASVSYLDTQVGRLLSALDDLQLANSTIIA FTSDHGWALGEHGEWAKYSNFDVATHVPLIFYVPGRTASLPEAGEKLFYLDPFDSASQLMEPG RQSM DLVELVSLFPTLAGLAGLQVPPRCVPVSFHVELCREGKNLLKHFRFRDLEEDPYLPGNPR ELIAYSQYPRPSDIPQWNSDKPSLKD IKIMGYSIRTIDYRYTVWVGFPDEF LANFSDIHAGELYFVD SDPLQDHNMYNDSQGGDLFQLLMP
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — IDS

Entrez GeneID	3423
GeneBank Accession#	NM_000202.2
Protein Accession#	NP_000193.1

Gene Name	IDS
Gene Alias	MPS2, SIDS
Gene Description	iduronate 2-sulfatase
Omim ID	309900
Gene Ontology	Hyperlink
Gene Summary	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. A splice variant of this gene has been described. [provided by RefSeq]
Other Designations	Hunter syndrome OTTHUMP00000024207 OTTHUMP00000024210 alpha-L-iduronate sulfate sulfatase iduronate-2-sulfatase idursulfase

Pathway

- [Glycosaminoglycan degradation](#)
- [Lysosome](#)
- [Metabolic pathways](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)