

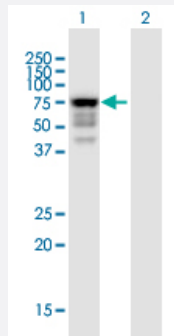
MaxPab®

IDS purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003423-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of IDS expression in transfected 293T cell line ([H00003423-T01](#)) by IDS MaxPab polyclonal antibody.

Lane 1: IDS transfected lysate(60.5 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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

MPPPRTRGRLLWLGLVLSSVCVALGSETQANSTTDALNVLLIIVDDLRLPSLGCYGDKLVRSPNIDQ
LASHSLLFQNAFAQQAVCAPSRVSFLTGRRPDTTRL YDFNSYWRVHAGNFSTIPQYFKENGYVTM
SVGKVFHPGISSNHTDDSPYSWSFPPYHPSSEKYENTKTCRPGDGELHANLLCPVDVLDVPEGT
LPDKQSTEQAQLLEKMKTSASPFLLAVGYHKPHIPFRYPKEFQKLYPLENITLAPDPEVPDGLPPV
AYNPWMDIRQREDVQALNISVPYGPVPDFQRKIRQSYFASVSYLDTQVGRLLSALDDLQLANSTIA
FTSDHGWALGEHGEWAKYSNFDVATHVPLIFYVPGRTASLPEAGEKLFYLDPFDSASQLMEPG
RQSMDLVELVSLFPTLAGLAGLQVPPRCVPVSFHVLCREGKNLLKHFRFRDLEEDPYLPGNPR
ELIAYSQYPRPSDIPQWNSDKPSLKD IKIMGYSIRTIDYRYTVWVGFPNDEFANFSDIHAGELYFVD
SDPLQDHNMYNDSQGGDLFQLLMP

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (87)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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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](#)