

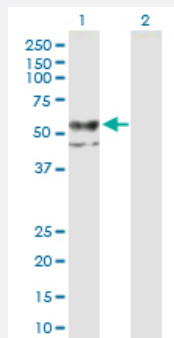
MaxPab®

CHST12 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055501-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CHST12 expression in transfected 293T cell line ([H00055501-T01](#)) by CHST12 MaxPab polyclonal antibody.

Lane 1: CHST12 transfected lysate(45.54 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CHST12 protein.

Immunogen

CHST12 (NP_061111.1, 1 a.a. ~ 414 a.a) full-length human protein.

Sequence

MTKARLFRLWLVLGVSFMILLIVYWDSAGAAHFYLHTSFSRPHTGPPLPTPGPDRDRELTADSDV
DEFLDKFLSAGVKQSDLPRKETEQQPAPGSMEE SVRGYDWSPRDARRSPDQGRQQAERRSVL
RGFCANSSLAFPTKERAFFDDIPNSEL SHLMDDRHGAIYCYVPKVACTNWKRVMMVLSGSLHARGA
PYRDLRIPREHVHNASAHLT FNKFWRRYGKLSRHLMKVKLKKYTKFLFVRDPFVRLISAFRSKFE
LENEEFYRKFAVPMRLRYANHTSLPASAREAFRAGLKVSFANFIQYLLDPHTEKLAPFNEHWRQV
YRLCHPCQIDYDFVGKLETLDDEAAQLLQLLQVDRQLRFPPSYRNRTASSWEEDWFAKIPLAWR
QQLYKLYEADFVLF GYPKPENLLRD

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (83); Rat (82)

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 — CHST12

Entrez GeneID [55501](#)

GeneBank Accession# [NM_018641.3](#)

Protein Accession# [NP_061111.1](#)

Gene Name CHST12

Gene Alias C4S-2, C4ST-2, C4ST2

Gene Description carbohydrate (chondroitin 4) sulfotransferase 12

Omim ID [610129](#)

Gene Ontology [Hyperlink](#)

Gene Summary Chondroitin 4-sulfotransferases, such as CHST12, add sulfate to position 4 of N-acetylgalactosamine residues in chondroitin (Hiraoka et al., 2000 [PubMed 10781601]).[supplied by OMIM]

Other Designations OTTHUMP00000025467|chondroitin 4-O-sulfotransferase 2

Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Sulfur metabolism](#)