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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

HEXB purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003074-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human HEXB protein.

Immunogen: HEXB (NP_000512.1, 1 a.a. ~ 556 a.a) full-length human protein.

Sequence:
 MELCGLGLPRPPMLLALLLATLLAAMLALLTQVALVQVAEAAARAPSVSA
 KPGPALWPLPLSVKMTPNLLHLAPENFYISHSPNSTAGPSCITLLEAFRR
 YHGYIFGFYKWHHEPAEFQAKTQVQQLLVSITLQSECDAFPNISSDES
 YTLVKEPVAVLKANRVWVWALRGLRLETFSQLVYQDSYGTFTINESTI
 IDSFRFSHRGILIDTSRHYLPVKILKTLDAFNFNVLHWHIVDDQSF
 PYQSITFPELSNKGYSLSHVYTPNDVRMVEYARLRGIRVLP
 EFDTPGHTLSWVGKQKDLLTPCYSRQNKLDSFGPINPTLNTTYS
 FLTTFKLEISVFPDQFIHLGGDEVEFKCWESNPKIQDFMRQK
 GFTDFKKLESFYIQKVLDIATINKGSIWQEVFDDKAKLAPG
 TIVEVWKDSAYPEELSRVTASGFPVILSAPWYLDLISYGDWR
 KYKVEPLDFGGTQKQKQLFIGGEACLWGEYVDATNLTPRL
 WPRASAVGERLWSSKDVRDMDDAYDRLTRHRCRMVERGIAA
 QPLYAGYCNHENM

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

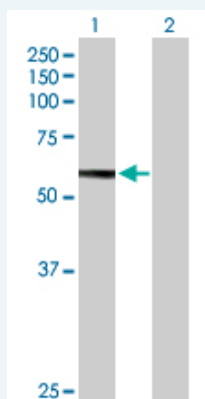
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

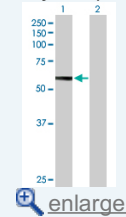
Western Blot (Transfected lysate)



Western Blot analysis of HEXB expression in transfected 293T cell line (H00003074-T01) by HEXB MaxPab polyclonal antibody.

Application Image

Western Blot (Transfected lysate)



Lane 1: HEXB transfected lysate(61.16 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3074](#)

**GeneBank
Accession#:** [NM_000521.2](#)

**Protein
Accession#:** [NP_000512.1](#)

Gene Name: HEXB

Gene Alias: ENC-1AS

**Gene
Description:** hexosaminidase B (beta polypeptide)

Omim ID: [268800](#), [606873](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Hexosaminidase B is the beta subunit of the lysosomal enzyme beta-hexosaminidase that, together with the cofactor GM2 activator protein, catalyzes the degradation of the ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Beta-hexosaminidase is composed of two subunits, alpha and beta, which are encoded by separate genes. Both beta-hexosaminidase alpha and beta subunits are members of family 20 of glycosyl hydrolases. Mutations in the alpha or beta subunit genes lead to an accumulation of GM2 ganglioside in neurons and neurodegenerative disorders termed the GM2 gangliosidoses. Beta subunit gene mutations lead to Sandhoff disease (GM2-gangliosidosis type II). [provided by RefSeq]

**Other
Designations:** N-acetyl-beta-glucosaminidase, OTTHUMP00000128232, hexosaminidase B

Gene Pathway

[Amino sugar and nucleotide sugar metabolism](#) [Glycosaminoglycan degradation](#)
[Glycosphingolipid biosynthesis - ganglio series](#)
[Glycosphingolipid biosynthesis - globo series](#) [Lysosome](#) [Metabolic pathways](#)
[Other glycan degradation](#)

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