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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HEXA purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00003073-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human HEXA protein.

Immunogen: HEXA (NP_000511.1, 1 a.a. ~ 529 a.a) full-length human protein.

Sequence:
 MTSSRLWFSLLAAAFAGRATALWPWPQNFQTSQDQRYVLYPNNFQFQ
 YDVSSAAQPGCSVLDEAFQRYRDLLFGSGSWPRPYLTGKRHTLEKNML
 VSVVTPGCNQLPTLESVENYTLTINDQCLLLSETVWGALRGLETFSQ
 LVWKSAGTFFINKTEIEDFPRFPHRGLLLDTSRHYLPLSSILDTLDMAY
 NKLNVFHWHLVDDPSFPYESFTFPELMRKGSYNPVTHIYTAQDVKEVIEY
 ARLRGIRVLAEFDTPGHTLSWGGPGLLLTPCYSGSEPSGTFGPVNPSL
 NNTYEFMSTFFLEVSSVFPDFYLHLGGDEVDFTCWKSNEIQDFMRKKG
 FGEDFKQLESFYIQTLLDIVSSYGKGYVWQEVFDNKVKIQPDTIIQVWR
 EDIPVNYMKELELVTKAGFRALLSAPWYLNRSYGPDWKDFYVVEPLAFE
 GTPEQKALVIGGEACMWGEYVDNTNLVPRLWPRAGAVAERLWSNKLTS
 DLTFAAYERLSHFRCCELLRRGVQAQPLNVGFCEQEFEQT

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

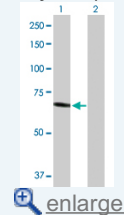
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Application Image

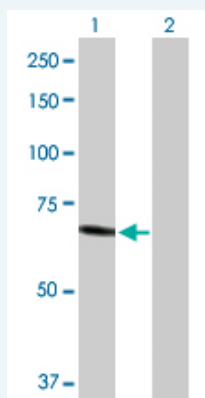
Western Blot (Transfected lysate)



[enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of HEXA expression in transfected 293T cell line (H00003073-T01) by HEXA MaxPab polyclonal antibody.

Lane 1: HEXA transfected lysate(60.70 KDa).

Gene Information

Entrez GeneID: [3073](#)

**GeneBank
Accession#:** [NM_000520.2](#)

**Protein
Accession#:** [NP_000511.1](#)

Gene Name: HEXA

Gene Alias: MGC99608,TSD

**Gene
Description:** hexosaminidase A (alpha polypeptide)

Omim ID: [272800](#), [606869](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the alpha 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. Alpha subunit gene mutations lead to Tay-Sachs disease (GM2-gangliosidosis type I). [provided by RefSeq]

**Other
Designations:** GM2 gangliosidosis,N-acetyl-beta-glucosaminidase,Tay Sachs disease,beta-N-acetylhexosaminidase,hexosaminidase A

Gene Pathway

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

Related Disease

[Genetic Predisposition to Disease](#) [Sandhoff Disease](#) [Tay-Sachs Disease](#)
[Tay-Sachs disease](#)