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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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EXT1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00002131-D01P

規格 : [100 ug]

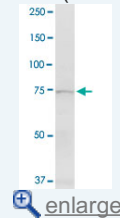
[List All](#)

Specification

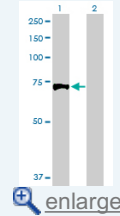
Product Description:	Rabbit polyclonal antibody raised against a full-length human EXT1 protein.
Immunogen:	EXT1 (NP_000118.2, 1 a.a. ~ 746 a.a) full-length human protein.
Sequence:	MQAKKRYFILLSAGSCLALLFYFGGLQFRASRSHSRREEHSGRNLHHP SPDHFVWPRFPDALRPFVPWDQLENESSVHISPRQKRDANSSYKGGKC RMESCFDFTLCKKNGFKVYVYPQQKGEKIAESYQNILAAIEGSRFYTSDP SQACLFVLSLDTLDRDQLSPQYVHNLRSKVQSLHLWNNGRNHLIFNLYS GTWPDYTEDVGFDIGQAMLAKASISTENFRPNFDVSIPLFSKDHPRGG ERGFLEALQAACVPVMLSNGWELPFSEVINWNQAAVIGDERLLLQIPSTIR SIHQDKILALRQQTQLWEAYFSSVEKIVLTLEIIQDRIFKHISRNSLIWNK HPGGFLVLPQYSSYLGDFFPYANLGLKPPSKFTAVIHAVTPLVSQSQPV LKLVAAAKSQYCAQIIVLWNCDKPLPAKHRWPATAVPVVIEGESKVMMS SRFLPYDNIITDAVLSLEDETVLSTTEVDFAFVWQSFPERIVGYPARSHF WDNSKERWGYTSKWTNDYSMVLGTAAIYHKYHYLYSHYLPASLKNMV DQLANCEDILMNFLVSAVTKLPPIKVTQKKQYKETMMGQTSRASRWADP DHFAQRQSCMNTFASWFGYMPLIHSQMRLDPVLFKDQVSILRKKYRDIE RL
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

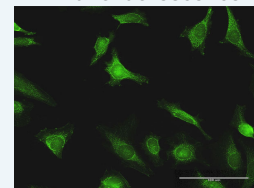
Western Blot (Tissue lysate)



Western Blot (Transfected lysate)



Immunofluorescence

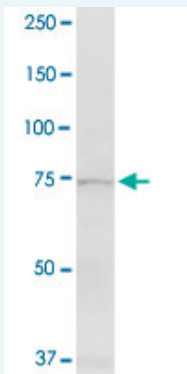


Publication Reference

1. [A Splice Mutation and mRNA Decay of EXT2 Provoke Hereditary Multiple Exostoses.](#)
Tian C, Yan R, Wen S, Li X, Li T, Cai Z, Li X, Du H, Chen HPLoS One. 2014 Apr 11;9(4):e94848. doi: 10.1371/journal.pone.0094848. eCollection 2014.

Applications

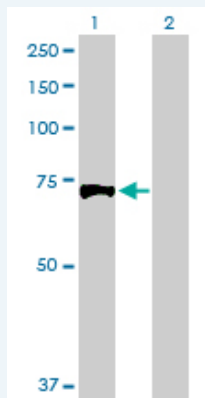
Western Blot (Tissue lysate)



EXT1 MaxPab rabbit polyclonal antibody. Western Blot analysis of EXT1 expression in human liver.

 [Protocol Download](#)

Western Blot (Transfected lysate)



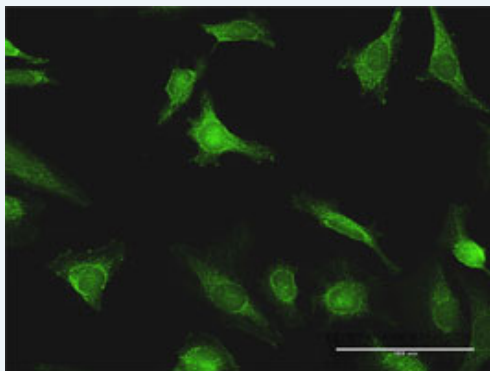
Western Blot analysis of EXT1 expression in transfected 293T cell line ([H00002131-T01](#)) by EXT1 MaxPab polyclonal antibody.


Lane 1: EXT1 transfected lysate(86.30 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to EXT1 on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Gene Information

Entrez GeneID: [2131](#)

GeneBank [NM_000127](#)
Accession#:

Protein [NP_000118.2](#)
Accession#:

Gene Name: EXT1

Gene Alias: EXT,LGCR,LGS,TRPS2,ttv

Gene exostosin 1

Description:

Omim ID: [133700](#), [215300](#), [608177](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an endoplasmic reticulum-resident type II transmembrane glycosyltransferase involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type I form of multiple exostoses. [provided by RefSeq]

Other Designations: Langer-Giedion syndrome chromosome region,N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase,OTTHUMP00000066043,exostosin 1,glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase

Gene Pathway

[Heparan sulfate biosynthesis](#) [Metabolic pathways](#)

Related Disease

[Exostoses](#), [Multiple Hereditary](#) [Genetic Predisposition to Disease](#) [Growth Disorders](#)

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