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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BGN purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000633-D01P

規格 : [100 ug]

[List All](#)

Specification

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

Immunogen: BGN (NP_001702.1, 1 a.a. ~ 368 a.a) full-length human protein.

Sequence:
 MWPLWRLVSL LALSQALPFEQRGFWDFTLDDGPFMMNDEEASGADTS
 GVLDPDSVTP TYSAMCPF GCHCHLRVWQCSDLGLKSPKEISPDTLLD
 LQNDISELRKDDFKGLQHL YALVLVNNKISKIHEKAF SPLRKLQKL YISKN
 HLVEIPP NLPSSLVELRIHDNRIRKVPKGVF SGLRNMNCIEMGGNPLENSG
 FEPGAFDGLKLN YLRISEAKLTGIPKDLPETLNELHLDHNKIQAIELEDLLR
 YSKLYRLGLGHNQIRMIENGSL SFLPTLRELHLDNNKLARVPSGLPDLKLL
 QVVYLHSN NITKVG V NDFCPMGFGVKRAY YNGISLFN NPVPYWEVQPAT
 FRCVTDRLAIQFGNYKK

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](#)

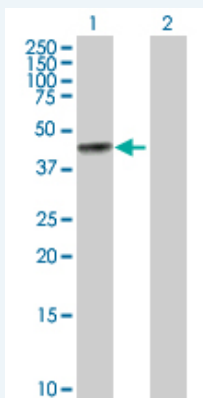
Datasheet: [Download](#)

Publication Reference

1. [Structural remodeling of proteoglycans upon retinoic acid-induced differentiation of NCCIT cells.](#)
 Gasimli L, Stansfield HE, Nairn AV, Liu H, Paluh JL, Yang B, Dordick JS, Moremen KW, Linhardt RJ. *Glycoconj J.* 2012 Oct 2. [Epub ahead of print]

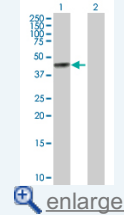
Applications

Western Blot (Transfected lysate)



Application Image


Western Blot (Transfected lysate)



Western Blot analysis of BGN expression in transfected 293T cell line (H00000633-T01) by BGN MaxPab polyclonal antibody.

Lane 1: BGN transfected lysate(41.70 KDa).

Lane 2: Non-transfected lysate.

 Protocol Download

Gene Information

Entrez GeneID: [633](#)

**GeneBank
Accession#:** [NM_001711.3](#)

**Protein
Accession#:** [NP_001702.1](#)

Gene Name: BGN

Gene Alias: DSPG1,PG-S1,PGI,SLRR1A

**Gene
Description:** biglycan

Omim ID: [301870](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a small cellular or pericellular matrix proteoglycan that is closely related in structure to two other small proteoglycans, decorin and fibromodulin. The encoded protein and decorin are thought to be the result of a gene duplication. Decorin contains one attached glycosaminoglycan chain, while this protein probably contains two chains. For this reason, this protein is called biglycan. This protein is thought to function in connective tissue metabolism by binding to collagen fibrils and transferring growth factor-beta. It may promote neuronal survival. This gene is a candidate gene for the Happle syndrome. [provided by RefSeq]

**Other
Designations:** OTTHUMP00000025928,biglycan proteoglycan,bone/cartilage proteoglycan-I,dermatan sulphate proteoglycan I,small leucine-rich protein 1A

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