

DNAxPAb

Hard-to-Find
Antibody

BGN DNAxPab

Catalog # H00000633-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human BGN DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MWPLWRLVSL LALSQALPFEQRGFWDFTLDDGPFMMNDEEASGADTSGVLDPD SVTPTYSAM CPFGCHCHLRVVQCSDLGLKSVPKEISPD TLLDLQNNDISELRKDDFKGLQHLYALVLVNNKISKI HEKAFSPRLKLQKLYISK NHLVEIPP NLPSSLVELRIHDNRIRKVPKGVFSGLRNMNCIEMGGNPLE NSGFEPGAFDGLKLN YLRISEAKLTGIPKDLPETL NELHLDHNKIQAIELEDLLRYSKLYRLGLGHNQI RMIENGSL SFLPTLRELHLDNNKLARVPSGLPDLKLLQVVYLHSNNITKVGVNDFCPMGFGVKRAY YNGISLFNNPV PYWEVQPATFR CVTDRLAIQFGNYKK
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — BGN

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-|dermatan sulphate proteoglycan |small leucine-rich protein 1A