

DNAxPAb

Hard-to-Find  
Antibody

## GDF2 DNAxPAb

Catalog # H00002658-W01P

Size 200 ug

### Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human GDF2 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                              |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence                | MCPGALWVALPLLSLLAGSLQGKPLQSWGRGSAGGNAHSPLGVPGGGLPEHTFNLKMFLENVK<br>VDFLRSLNLSGVPSQDKTRVEPPQYMIDLYNRYTSDKSTTPASNIVRSFSMEDAISITATEDFPFQK<br>HILLFNISIPRHEQITRAELRLYVSCQNHVDPSHDLKGSVVIYDVLGDGDAWDSATETKTFLVSQDIQ<br>DEGWETLEVSSAVKRWVRSDSTKSKNKLEVTVESHRKGCDTLDISVPPGSRNLPFFVVFSDNH<br>SSGKETRLELREMISHEQESVLKKLSKDGSTEAGESSHEEDTDGHVAAGSTLARRKRSAGAGS<br>HCQKTSLRVNFDIGWDSWIIAPKEYEAYECKGGCFFPLADDVTPTKHAMQTLVHLKFPTKVGKA<br>CCVPTKLSPISVLYKDDMGVPTLKYHYEGMSVAECGCR |
| 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 — GDF2

Entrez GeneID [2658](#)

GeneBank Accession# [NM\\_016204.1](#)

Protein Accession# [NP\\_057288.1](#)

Gene Name GDF2

Gene Alias BMP-9, BMP9

Gene Description growth differentiation factor 2

Omim ID [605120](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in rodents suggest that this protein plays a role in the adult liver and in differentiation of cholinergic central nervous system neurons. [provided by RefSeq]

**Other Designations** OTTHUMP00000019538|bone morphogenetic protein 9

## Disease

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- [Genetic Predisposition to Disease](#)
- [Liver Cirrhosis](#)
- [Mental Disorders](#)
- [Obesity](#)
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- [Puberty](#)
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- [Tobacco Use Disorder](#)