

DNAxPAb

Hard-to-Find
Antibody

BMP5 DNAxPAb

Catalog # H00000653-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human BMP5 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MHLTVFLLKGIVGFLWSCWVLVGYAKGGLGDNHVSFFIYRRLRNHERREIQREILSILGLPHRPRP
FSPGKQASSAPLFMLDLYNAMTNEENPEESEYSVRASLAEE TRGARKGYASPNGYPRRIQLSRT
TPLTTQSPPLASLHDTNFLNDADMVMSFVNLVERDKDFSHQRRHYKEFRFDLTQIPHGEAVTAAE
FRYKDRSNNRFENETIKISYQIIKEYTNRDADLFLLDTRKAQALDVGWL VFDITVTSNHWWINPQNNL
GLQLCAETGDGRSINVKSAGLVGRQGPQSKQPFMVAFFKASEVLLRSVRAANKRKNQNRNKSS
SHQDSSRMSSVGDYNTSEQKQACKKHELVSFRDLGWQDWIIAPEGYAAFYCDGEC SFPLNAH
MNATNHAMQTLVHLMFPDHPKPCCAPTKLNAISVLYFDDSSNVILKKYRNMVVRSCGCH

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 — BMP5

Entrez GeneID [653](#)

GeneBank Accession# [NM_021073.2](#)

Protein Accession# [NP_066551.1](#)

Gene Name BMP5

Gene Alias MGC34244

Gene Description bone morphogenetic protein 5

Omim ID [112265](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. This protein may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. This gene is differentially regulated during the formation of various tumors. [provided by RefSeq]

Other Designations OTTHUMP00000016650

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hedgehog signaling pathway](#)
- [TGF-beta signaling pathway](#)

Disease

- [Congenital Abnormalities](#)
- [Genetic Predisposition to Disease](#)

- [Obesity](#)
- [Osteoarthritis](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)