

DNAxPAb

Hard-to-Find
Antibody

BMP7 DNAxPAb

Catalog # H00000655-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human BMP7 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MHVRSLRAAAPHSFVALWAPLFLRSALADFSLDNEVHSSFIHRRLSQERREMQREILSILGLPH RPRPHLQGKHNSAPMFMLDLYNAMAVEEGGGPGGQGFSPYKAVFSTQGPPLASLQDSHFLTD ADMVMSFVNLVEHDKEFFHPRYHHREFRFDLSKIPEGEAVTAAEFRIYKDYRERFDNETFRISVYQ VLQEHLGRESDFLLDSRTLWASEEGWLVDITATSNHWVVPNRHNLGLQLSVETLDGQSINPKL AGLGRHGPQNKQPFMVAFKATEVHFERSIRSTGSKQRSQNRSKTPKNQEALRMANVAENSSSD QRQACKKHELIVSFRDLGWQDWIAPEGYAAYCEGECAPLNSYMNATNHAVQTLVHFINPETV PKPCCAPTQLNAISVLYFDDSSNVILKKYRNMVVRACGCH
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 — BMP7

Entrez GeneID	655
GeneBank Accession#	BC008584.1
Protein Accession#	AAH08584.1
Gene Name	BMP7
Gene Alias	OP-1
Gene Description	bone morphogenetic protein 7
Omim ID	112267
Gene Ontology	Hyperlink
Gene Summary	The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development and possible bone inductive activity. [provided by RefSeq]
Other Designations	OTTHUMP00000031357 osteogenic protein 1

Pathway

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

Disease

- [Alzheimer disease](#)
- [Calcinosis](#)

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Hypospadias](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Narcolepsy](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
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- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)