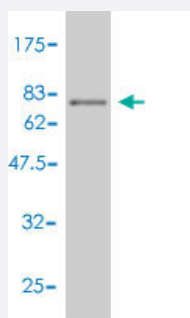


BMP7 polyclonal antibody (A01)

Catalog # H00000655-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (73.52 KDa) .

Specification

Product Description

Mouse polyclonal antibody raised against a full-length recombinant BMP7.

Immunogen

BMP7 (AAH08584, 1 a.a. ~ 431 a.a) full-length recombinant protein with GST tag.

Sequence

MHVRSLRAAAPHSFVALWAPLFLLRSALADFSLDNEVHSSFIHRRRLRSQERREMQRILSILGLPH
RPRPHLQGGKHSAPMFMLDLYNAMAVEEGGGPGGQGFSYPYKAVFSTQGPPLASLQDSHFLTD
ADMVMSFVNLVEHDKEFFHPRYHHREFRFDLSKIPEGEAVTAAEFRIYKDYIRERFDNETFRISVYQ
VLQEHLGRESDFLLDSRTLWASEEGWLVDITATSNHWVWNPVHNLGLQLSVETLDGQSINPKL
AGLGRHGPQNKQPFMVAFFKATEVHFIRSIRSTGSKQRSQNRSKTPKNQEALRMANVAENSSSD
QRQACKKHELYVSFRDLGWQDWIAPEGYAAAYCEGECAPFLNSYMNATNHAVQTLVHFINPETV
PKPCCAPTQLNAISVLYFDDSSNVILKKYRNMVVRACGCH

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (73.52 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — BMP7

Entrez GeneID [655](#)

GeneBank Accession# [BC008584](#)

Protein Accession# [AAH08584](#)

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](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)

- [Tooth Abnormalities](#)