

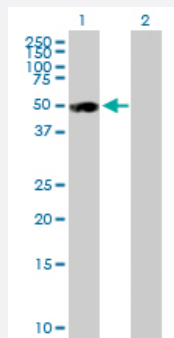
MaxPab®

BMP7 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000655-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of BMP7 expression in transfected 293T cell line ([H00000655-T01](#)) by BMP7 MaxPab polyclonal antibody.

Lane 1: BMP7 transfected lysate (45.32 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human BMP7 protein.

Immunogen

BMP7 (AAH04248.1, 1 a.a. ~ 412 a.a) full-length human protein.

Sequence

MHVRSLRAAAPHSFVALWAPLFLLRSALADFSLDNEVHSSFIHRRRLRSQERREMQRILSILGLPH
RPRPHLQGKHNSAPMFMLDLNAMAVEEGGGPGGQGFSSYPYKAVFSTQGPPPLASLQDSHFLTD
ADMVMSFVNLVEHDKEFFHPRYHHREFRDLSKIPEGEAVTAAEFRIKYDYRERFDNETFRISVYQ
VLQEHLGRESDFLLDSRTLWASEEGWLVFDITATSNHWVVNPRHNLGLQLSVETLDGQSINPKL
AGLGRHGPQNKQPFMVAFKATEVHFRSIRSTGSKQRSQNRSKTPKNQEALRMANVAENSSSD
QRQACKKHELYVSFRDLGWQDWIAPEGYAAYCEGECAPPLNSYMNATNHAIQTLVGVTSPW
GVVTWAGQAVGPPDPAASKLGPE

Host

Mouse

Reactivity

Human

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)

Western Blot analysis of BMP7 expression in transfected 293T cell line ([H00000655-T01](#)) by BMP7 MaxPab polyclonal antibody.

Lane 1: BMP7 transfected lysate(45.32 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — BMP7

Entrez GeneID [655](#)

GeneBank Accession# [BC004248](#)

Protein Accession# [AAH04248.1](#)

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](#)

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