

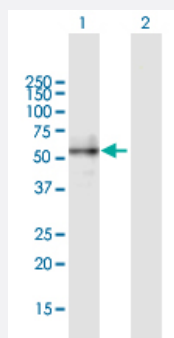
MaxPab®

BMP2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000650-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of BMP2 expression in transfected 293T cell line ([H00000650-T01](#)) by BMP2 MaxPab polyclonal antibody.

Lane 1: BMP2 transfected lysate(43.56 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human BMP2 protein.

Immunogen

BMP2 (AA48690.1, 1 a.a. ~ 396 a.a) full-length human protein.

Sequence

MVAGTRCLLALLLPQVLLGGAAGLVPELGRRKFAAASSGRPSSQPSDEVLSEFELRLLSMFGLK
QRPTPSRDAVVPPYMLDLYRRHSGQPGSPAPDHLERAASRANTVRSFHHEESLEELPETSCKT
TRRFFNLSSIPTEEFITSAELQVFREQMQDALGNNSSFHHRINYEIKPATANSKFPVTRLLDTRLV
NQNASRWESFDVTPAVMRWTAQGHANHGFFVEVAHLEEKQGVSKRHVRISRSLHQDEHSWSQI
RPLLVTFGHDGKGHPLHKREKRQAKHKQRKRLKSSCKRHPLYVDFSDVGWNDWIVAPPGYHAF
YCHGECFPPLADHLNSTNHAIQTLVNSVNSKIPKACCVPTLSAISMLYLDENEKVVLKNYQDMV
VEGCGCR

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.

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[Protocol Download](#)

Gene Info — BMP2

Entrez GeneID	650
GeneBank Accession#	BC148689
Protein Accession#	AA48690.1
Gene Name	BMP2
Gene Alias	BMP2A
Gene Description	bone morphogenetic protein 2
Omim ID	112261 235200
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the transforming growth factor-beta (TGFB) superfamily. The encoded protein acts as a disulfide-linked homodimer and induces bone and cartilage formation. [provided by RefSeq]
Other Designations	OTTHUMP00000030228

Pathway

- [Basal cell carcinoma](#)
- [Cytokine-cytokine receptor interaction](#)
- [Hedgehog signaling pathway](#)
- [Pathways in cancer](#)

- [TGF-beta signaling pathway](#)

Disease

- [Abortion](#)
- [Asthma](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Hyperparathyroidism](#)
- [Kidney Failure](#)
- [Narcolepsy](#)
- [Obesity](#)
- [Ossification of Posterior Longitudinal Ligament](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Polycystic Ovary Syndrome](#)

- [Puberty](#)
- [Sudden Infant Death](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)