

Rabbit BMP2 Polyclonal Antibody | anti-BMP2 antibody

BMP2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286628	Rabbit	Human (Predicted Reactivity: Chicken, Mouse, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

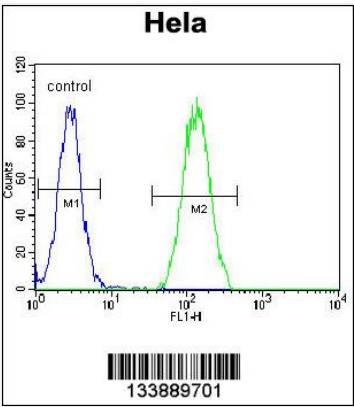
PRODUCT SYNONYMS

BMP2; Polyclonal Antibody; BMP2 Antibody (Center); Bone morphogenetic protein 2; BMP-2; Bone morphogenetic protein 2A; BMP-2A; BMP2A; anti-BMP2 antibody

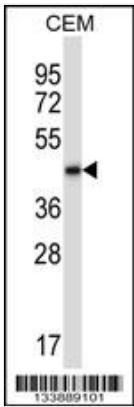
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BMP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 260-289 amino acids from the Central region of human BMP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	260-289
Sequence Length	396
Applicable Applications for anti-BMP2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
BMP2 Antibody (Center) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
BMP2 Antibody (Center) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the BMP2 antibody detected the BMP2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BMP2 antibody	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.
Product Categories/Family for anti-BMP2 antibody	Cancer; Cardiovascular; Cell Biology; Developmental Biology; Signal Transduction
References	Liu, Y., et al. Clin. Orthop. Relat. Res. 468(12):3333-3341(2010) Kupfer, S.S., et al. Gastroenterology 139(5):1677-1685(2010) Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Nikopensius, T., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 88(9):748-756(2010) Szczesny, G., et al. Arch Orthop Trauma Surg (2010) In press :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557369
NCBI GeneID	650
NCBI Accession #	NP_001191.1
NCBI GenBank Nucleotide #	NM_001200.2
UniProt Accession #	P12643
Molecular Weight	44702
NCBI Official Full Name	bone morphogenetic protein 2 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 2
NCBI Official Symbol	BMP2
NCBI Official Synonym Symbols	BDA2; BMP2A
NCBI Protein Information	bone morphogenetic protein 2
UniProt Protein Name	Bone morphogenetic protein 2
UniProt Gene Name	BMP2
UniProt Synonym Gene Names	BMP2A; BMP-2; BMP-2A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/bmp2-antibody-flow-cytometry-western-blot-elisa/286628>