

Rabbit BMP2 Polyclonal Antibody | anti-BMP2 antibody

BMP2 Antibody

CATALOG # AAA168173	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

BMP2; Polyclonal Antibody; BMP2 Antibody; bmp2; BMP 2A; BMP 2; BMP2A; bone morphogenetic protein 2; Bone morphogenetic protein 2A; anti-BMP2 antibody

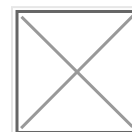
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	104
Applicable Applications for anti-BMP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human BMP2
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6895 / sc-6267 / sc-9003
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



Application Data


WB (Western Blot)

Western blot analysis of extracts of HeLa cell lines, using BMP2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP2 antibody

Bone morphogenetic proteins (BMPs) were first identified as molecules that can induce ectopic bone and cartilage formation (1, 2). BMPs are synthesized as precursor proteins that are processed by cleavage to produce mature proteins. BMPs initiate signaling by binding to a receptor complex containing type I and type II serine/threonine receptor kinases that then phosphorylate Smad (mainly Smad1, 5 and 8), resulting in the translocation of Smad to the nucleus. BMP was also reported to activate MAPK pathways in some systems (3, 4).

NCBI AND UNIPROT INFORMATION

NCBI GI #	353681895
-----------	-----------

Molecular Weight	11,259 Da
NCBI Official Full Name	BMP2, partial
UniProt Protein Name	BMP2
UniProt Gene Name	BMP2
UniProt Entry Name	G8FNR8_SHEEP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/bmp2-antibody-immunohistochemistry-western-blot-elisa/168173>