

Rabbit anti-Human BMP8A Polyclonal Antibody | anti-BMP8A antibody

BMP8A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324523	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

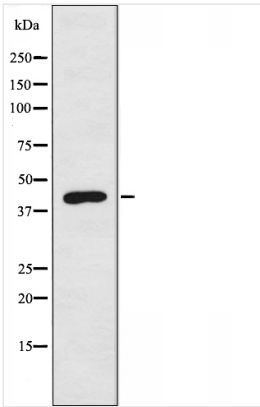
PRODUCT SYNONYMS

BMP8A; Polyclonal Antibody; BMP8A Antibody; BMP-8A; BMP8; Bmp8a; BMP8A_HUMAN; Bone morphogenetic protein 8A; FLJ14351; FLJ45264; OP 2; Osteogenic protein 2; anti-BMP8A antibody

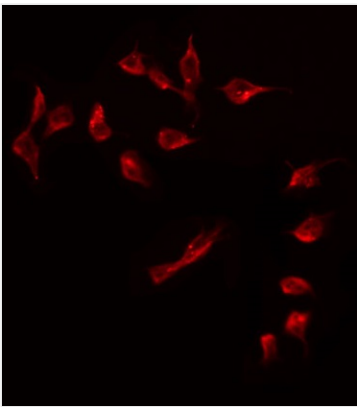
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	BMP8A antibody detects endogenous levels of total BMP8A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	402
Applicable Applications for anti-BMP8A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from COLO cells, using BMP8A antibody.



IF (Immunofluorescence)
AAA324523 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP8A antibody	Function: Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis (By similarity). Signaling protein involved in regulation of thermogenesis and energy balance. Proposed to increase the peripheral response of brown adipose tissue (BAT) to adrenergic stimulation while acting centrally in the hypothalamus to increase sympathetic output to BAT. Subunit Structure: Homodimer; disulfide-linked. Similarity: Belongs to the TGF-beta family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	145611428
NCBI GeneID	353500
NCBI Accession #	NP_861525.2
NCBI GenBank Nucleotide #	NM_181809.3
UniProt Accession #	Q7Z5Y6; Q5T3A5
Molecular Weight	Observed: 45 kD Predicted: 45 kDa
NCBI Official Full Name	bone morphogenetic protein 8A preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 8a
NCBI Official Symbol	BMP8A
NCBI Protein Information	bone morphogenetic protein 8A
UniProt Protein Name	Bone morphogenetic protein 8A
UniProt Gene Name	BMP8A
UniProt Synonym Gene Names	BMP-8A

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.

