

Rabbit anti-Human, Mouse BMP15 Polyclonal Antibody | anti-BMP15 antibody

BMP15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40124	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

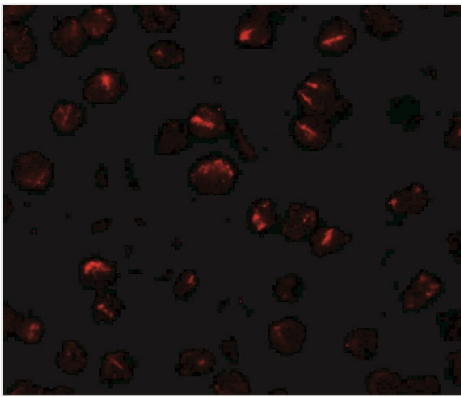
PRODUCT SYNONYMS

BMP15; Polyclonal Antibody; BMP15 Antibody; ODG2; POF4; GDF9B; Bone morphogenetic protein 15; BMP-15; bone morphogenetic protein 15; anti-BMP15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	It is closely related to GDF9.
Purity/Purification	BMP15 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	392
Applicable Applications for anti-BMP15 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BMP15 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human BMP15.
Buffer	BMP15 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BMP15 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

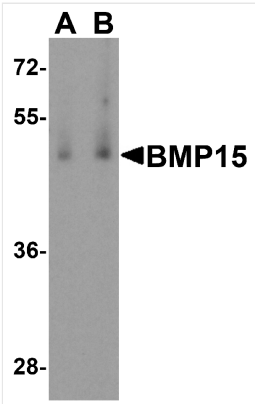
IMAGES



IF (Immunofluorescence)
Immunofluorescence of BMP15 in 3T3 cells with BMP15 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of BMP15 in 3T3 cells with BMP15 antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of BMP15 in human testis tissue lysate with BMP15 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP15 antibody	BMP15 Antibody: BMP15, or GDF9B is a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily that are involved in embryonic development and adult tissue homeostasis. BMP15 is expressed exclusively in the oocyte. It is an oocyte-specific growth/differentiation factor that may be involved in oocyte maturation and follicular development. Defects in BMP15 are the cause of ovarian dysgenesis type 2. BMP15 could be used as an oogenesis marker to track human amniotic fluid stem cells differentiation into the oocyte-like cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	257743454
NCBI GeneID	9210
NCBI Accession #	NP_005439
NCBI GenBank Nucleotide #	NM_005448.2
UniProt Accession #	O95972; Q17RM6; Q5JST1; Q9UMS1
Molecular Weight	45,055 Da
NCBI Official Full Name	bone morphogenetic protein 15
NCBI Official Synonym Full Names	bone morphogenetic protein 15
NCBI Official Symbol	BMP15

NCBI Official Synonym Symbols	ODG2; POF4; GDF9B
NCBI Protein Information	bone morphogenetic protein 15; BMP-15; GDF-9B; growth/differentiation factor 9B
UniProt Protein Name	Bone morphogenetic protein 15
UniProt Gene Name	BMP15
UniProt Synonym Gene Names	GDF9B; BMP-15; GDF-9B
UniProt Entry Name	BMP15_HUMAN

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/bmp15-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40124>