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Anti-BMP15 Picoband Antibody

Catalog # ABO11666

Product Information

Application	WB
Primary Accession	O95972
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Bone morphogenetic protein 15(BMP15) detection. Tested with WB in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	9210
Other Names	Bone morphogenetic protein 15, BMP-15, Growth/differentiation factor 9B, GDF-9B, BMP15, GDF9B
Calculated MW	45055
Application Details	Western blot, 0.1-0.5 □g/ml, Human
Subcellular Localization	Secreted.
Source	Eukaryota
Protein Name	Bone morphogenetic protein 15
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E. coli-derived human BMP15 recombinant protein (Position: Q268-R392). Human BMP15 shares 69.6% amino acid (aa) sequence identity with mouse BMP15.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20˚C for one year. After r˚Constitution, at 4˚C for one month. It˚Can also be aliquotted and stored frozen at -20˚C for a longer time.Avoid repeated freezing and thawing.

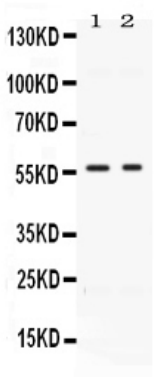
Protein Information

Name	BMP15
Synonyms	GDF9B
Function	May be involved in follicular development. Oocyte-specific growth/differentiation factor that stimulates folliculogenesis and granulosa cell (GC) growth.
Cellular Location	Secreted.

Background

Bone morphogenetic protein 15 is a protein that in humans is encoded by the BMP15 gene. It's mainly involved in folliculogenesis. The protein encoded by this gene is a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The transforming growth factor-beta superfamily includes large families of growth and differentiation factors. It is thought that this protein may be involved in oocyte maturation and follicular development as a homodimer or by forming heterodimers with a related protein, Gdf9. Defects in this gene are the cause of ovarian dysgenesis 2.

Images



Western blot analysis of BMP15 expression in HELA whole cell lysates (lane 1) and MCF-7 whole cell lysates (lane 2). BMP15 at 56KD was detected using rabbit anti- BMP15 Antigen Affinity purified polyclonal antibody (Catalog # ABO11666) at 0.5 ??g/mL. The blot was developed using chemiluminescence (ECL) method .