10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Bmp15 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1711a

Product Information

Application	WB, E
Primary Accession	O95972
Other Accession	NP_005439
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB1869
Calculated MW	45055
Antigen Region	4-33

Additional Information

Gene ID	9210
Other Names	Bone morphogenetic protein 15, BMP-15, Growth/differentiation factor 9B, GDF-9B, BMP15, GDF9B
Target/Specificity	This Bmp15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-33 amino acids from the N-terminal region of human Bmp15.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Bmp15 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

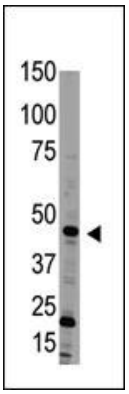
Background

Bmp15 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.

References

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Galloway, S.M., et al., Nat. Genet. 25(3):279-283 (2000).
Aaltonen, J., et al., J. Clin. Endocrinol. Metab. 84(8):2744-2750 (1999).
Dube, J.L., et al., Mol. Endocrinol. 12(12):1809-1817 (1998).

Images



Western blot analysis of anti-Bmp15 Antibody (N-term) (Cat. #AP1711a) in HL60 cell line lysate (35ug/lane). Bmp15(arrow) was detected using the purified Pab.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.