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

Specification

Bmp15 Antibody (N-term) - Product Information

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

Bmp15 Antibody (N-term) - 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

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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.

Bmp15 Antibody (N-term) - 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.

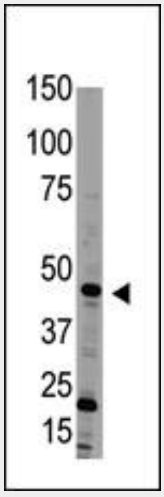
Cellular Location
Secreted.

Bmp15 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Bmp15 Antibody (N-term) - 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.

Bmp15 Antibody (N-term) - 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.

Bmp15 Antibody (N-term) - References

Liao, W.X., et al., J. Biol. Chem. 278(6):3713-3719 (2003).
Moore, R.K., et al., J. Biol. Chem. 278(1):304-310 (2003).
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).