

# **Bmp15 Antibody (N-term)**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP1711a

## **Specification**

### Bmp15 Antibody (N-term) - Product Information

WB,E **Application Primary Accession** 095972 NP 005439 Other Accession 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

E~~Use at an assay dependent concentration.

### **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.

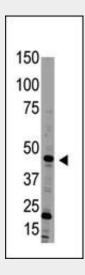
Cellular Location Secreted.

# **Bmp15 Antibody (N-term) - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Bmp15 Antibody (N-term) - Images



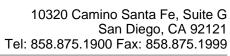
Western blot analysis of anti-Bmp15 Antibody (N-term) (Cat. #AP1711a) in HL60 cell line lysate (35ug/lane). Bmp15(arrow) was detected using the purified Pab.

# 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).