

Bmp15 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP1711a**Specification**

Bmp15 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [O95972](#)
Other Accession [NP_005439](#)

Bmp15 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 9210

Other Names

Bone morphogenetic protein 15, BMP-15, Growth/differentiation factor 9B, GDF-9B, BMP15, GDF9B

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1711a](/product/products/AP1711a) was selected from the N-term region of human Bmp15. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Bmp15 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Bmp15 Antibody (N-term) Blocking Peptide - Images

Bmp15 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - 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).