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BMP15 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP1711c

Specification

BMP15 Antibody (Center) Blocking Peptide - Product Information

Primary Accession	O95972
Other Accession	NP_005439

BMP15 Antibody (Center) 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 AP1711c was selected from the Center 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 (Center) 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 (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

BMP15 Antibody (Center) Blocking Peptide - Images

BMP15 Antibody (Center) 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 Bmp15 may be involved in oocyte maturation and follicular development as a homodimer or by forming heterodimers with a related protein, Gdf9.

BMP15 Antibody (Center) 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).