

**GDF-9 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11075****Specification**

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**GDF-9 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O95972</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	45055

**GDF-9 Antibody - Additional Information****Gene ID** 9210

Application & Usage	<b>Western blotting (0.5-4 µg/ml).</b> <b>Recombinant human GDF-9 can be used as a positive control. However, the optimal concentrations should be determined individually.</b>
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**Other Names**

GDF9, GDF 9, GDF-9, Growth differentiation factor 9

**Target/Specificity**

GDF-9

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

GDF-9 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## **GDF-9 Antibody - 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.

## **GDF-9 Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **GDF-9 Antibody - Images**

## **GDF-9 Antibody - Background**

GDF-9 is a member of the TGF- $\beta$  superfamily of growth and differentiation factors, and is highly homologous to GDF-3. Unlike most TGF-family members, GDF-9 and GDF-3 are not disulfide-linked dimers. GDF-3 is expressed in adult bone marrow, spleen, thymus, and adipose tissue. GDF-9 is expressed in oocytes and is required for normal ovarian folliculogenesis. Human GDF-9 is a 31.0 kDa non-disulfide-linked homodimer containing two 135 amino acid polypeptide chains.