10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GDF-9 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11075

Specification

GDF-9 Antibody - Product Information

Application	**WB**
Primary Accession	O95972
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**45055**

GDF-9 Antibody - Additional Information

Gene ID 9210

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

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.

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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 Cytomety
- Cell Culture

GDF-9 Antibody - Images

GDF-9 Antibody - Background

GDF-9 is a member of the TGF-β 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.