

**GDF-9 Polyclonal Antibody**  
Catalog # AP70074**Specification**

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**GDF-9 Polyclonal Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O60383</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

**GDF-9 Polyclonal Antibody - Additional Information****Gene ID** 2661**Other Names**

GDF9; Growth/differentiation factor 9; GDF-9

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**GDF-9 Polyclonal Antibody - Protein Information****Name** GDF9**Function**

Required for ovarian folliculogenesis. Promotes primordial follicle development. Stimulates granulosa cell proliferation. Promotes cell transition from G0/G1 to S and G2/M phases, through an increase of CCND1 and CCNE1 expression, and RB1 phosphorylation. It regulates STAR expression and cAMP-dependent progesterone release in granulosa and thecal cells. Attenuates the suppressive effects of activin A on STAR expression and progesterone production by increasing the expression of inhibin B. It suppresses FST and FSTL3 production in granulosa-lutein cells.

**Cellular Location**

Secreted.

**Tissue Location**

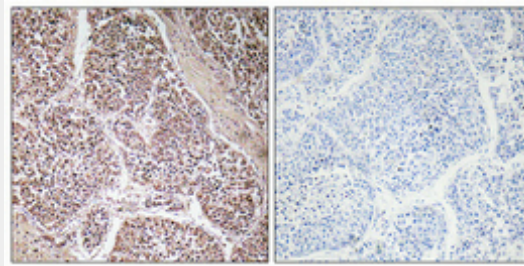
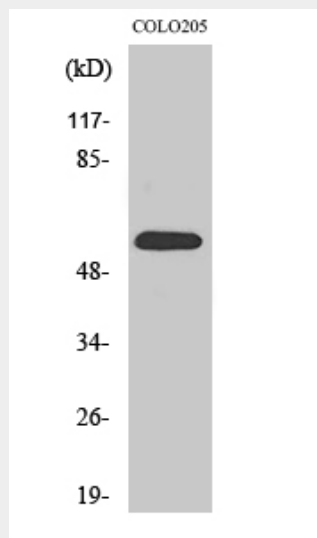
Expressed in ovarian granulosa cells. Present in oocytes of primary follicles (at protein level)

## GDF-9 Polyclonal 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 Polyclonal Antibody - Images



## GDF-9 Polyclonal Antibody - Background

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