

**GDF-9 Polyclonal Antibody** 

Catalog # AP70074

## Specification

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

Application	WB, IHC-P
Primary Accession	<u>060383</u>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

### **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. IHC-P~~N/A

**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.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

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



# GDF-9 Polyclonal Antibody - Background

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