

GDF-9 Polyclonal Antibody

Catalog # AP73484

Specification

GDF-9 Polyclonal Antibody - Product Information

Application WB
Primary Accession 060383

Reactivity Human, Mouse, Rat

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. ELISA: 1/20000. 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

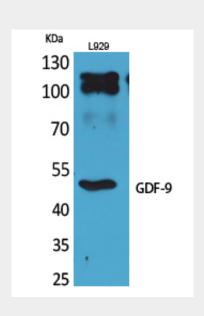




Provided below are standard protocols that you may find useful for product applications.

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

GDF-9 Polyclonal Antibody - Images



GDF-9 Polyclonal Antibody - Background

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