

PDGF-A Polyclonal Antibody

Catalog # AP71813

Product Information

Application WB, IHC-P **Primary Accession** P04085

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW24043

Additional Information

Gene ID 5154

Other Names PDGFA; PDGF1; Platelet-derived growth factor subunit A; PDGF subunit A;

PDGF-1; Platelet-derived growth factor A chain; Platelet-derived growth factor

alpha polypeptide

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/40000. 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

Protein Information

Name PDGFA

Synonyms PDGF1

Function Growth factor that plays an essential role in the regulation of embryonic

development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Required for normal lung alveolar septum formation during embryogenesis, normal development of the

gastrointestinal tract, normal development of Leydig cells and

spermatogenesis. Required for normal oligodendrocyte development and normal myelination in the spinal cord and cerebellum. Plays an important

role in wound healing. Signaling is modulated by the formation of

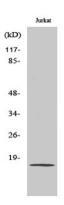
heterodimers with PDGFB (By similarity).

Cellular Location Secreted. Note=Released by platelets upon wounding

Background

Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Required for normal lung alveolar septum formation during embryogenesis, normal development of the gastrointestinal tract, normal development of Leydig cells and spermatogenesis. Required for normal oligodendrocyte development and normal myelination in the spinal cord and cerebellum. Plays an important role in wound healing. Signaling is modulated by the formation of heterodimers with PDGFB (By similarity).

Images



Western Blot analysis of various cells using PDGF-A Polyclonal Antibody

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