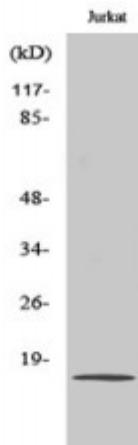


Anti-PDGF-A antibody



| | |
|--------------------|------------------------------|
| Description | Rabbit polyclonal to PDGF-A. |
|--------------------|------------------------------|

| | |
|-------------------------|--|
| Model | STJ94995 |
| Host | Rabbit |
| Reactivity | Human, Mouse, Rat |
| Applications | ELISA, IHC, WB |
| Immunogen | Synthesized peptide derived from human PDGF-A. |
| Immunogen Region | Internal |
| Gene ID | 5154 |
| Gene Symbol | PDGFA |
| Dilution range | WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000 |
| Specificity | PDGF-A Polyclonal Antibody detects endogenous levels of PDGF-A protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Note | For Research Use Only (RUO). |
| Protein Name | Platelet-derived growth factor subunit A PDGF subunit A PDGF-1 Platelet-derived growth factor A chain Platelet-derived growth factor alpha polypeptide |
| Molecular Weight | 17 kDa |
| Clonality | Polyclonal |
| Conjugation | Unconjugated |

| | |
|-----------------------------------|---|
| Isotype | IgG |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Concentration | 1 mg/ml |
| Storage Instruction | Store at -20°C, and avoid repeat freeze-thaw cycles. |
| Database Links | HGNC:8799 OMIM:173430 |
| Alternative Names | Platelet-derived growth factor subunit A PDGF subunit A PDGF-1 Platelet-derived growth factor A chain Platelet-derived growth factor alpha polypeptide |
| 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 . |
| Sequence and Domain Family | The long form contains a basic insert which acts as a cell retention signal. |
| Cellular Localization | Secreted. Released by platelets upon wounding. |

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