

PDGFA polyclonal antibody

Catalog # PAB16158

Size 100 ug

Specification

Product Description Rabbit polyclonal antibody raised against PDGFA.

Immunogen Human PDGFA.

Sequence VKRCTGCCNTSSVKCQPSRVHHRSVKVAKVEYVRKKPKLKEVQVR

Host Rabbit

Reactivity Human, Mouse, Rat

Form Lyophilized

Isotype IgG

Recommend Usage ELISA (1-2 ug/mL)
Western Blot (2-10 ug/mL)
Immunohistochemistry (2-10 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer Lyophilized from PBS, pH 7.4.

Storage Instruction The lyophilized antibody is stable for at least 1 year from date of receipt at -20°C.
After reconstitution with 0.01 M PBS, pH 7.4 or other diluents, this antibody can be stored in working aliquots at 2°C- 8°C for one month, or at -20°C for six months without detectable loss of activity.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

Gene Info — PDGFA

Entrez GeneID [5154](#)

Protein Accession# [P04085](#)

Gene Name PDGFA

Gene Alias PDGF-A, PDGF1

Gene Description platelet-derived growth factor alpha polypeptide

Omim ID [173430](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a motif of eight cysteines. This gene product can exist either as a homodimer or as a heterodimer with the platelet-derived growth factor beta polypeptide, where the dimers are connected by disulfide bonds. Studies using knockout mice have shown cellular defects in oligodendrocytes, alveolar smooth muscle cells, and Leydig cells in the testis; knockout mice die either as embryos or shortly after birth. Two splice variants have been identified for this gene. [provided by RefSeq]

Other Designations PDGF A-chain|platelet-derived growth factor alpha|platelet-derived growth factor alpha chain|platelet-derived growth factor alpha isoform 2 preproprotein

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Focal adhesion](#)
- [Gap junction](#)
- [Glioma](#)
- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Asthma](#)
- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)