

DNAXPAb

Hard-to-Find
Antibody

PDGFA DNAXPab

Catalog # H00005154-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PDGFA DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MRTLACLLLLGCGYLAHVLAEEAEIPREVERLARSQIHSIRDLQRLLIDSVGSEDSLDTSRAHGV HATKHVPEKRPLPIRRKRSIEEAVPAVCKTRTVIYEIPRSQVDPTSANFLWPPCVEVKRCTGCCNT SSVKCQPSRVHHRSVKVAKEVYVRKKPKLKEVQVRLEEHLACACATTSLNPDYREEDTGRPRE SGKKRKRRLKPT
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PDGFA

Entrez GeneID [5154](#)

GeneBank Accession# [NM_002607.4](#)

Protein Accession# [NP_002598.4](#)

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](#)