

## PDGFB Antibody

Catalog No: #33469



Package Size: #33469-1 50ul #33469-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

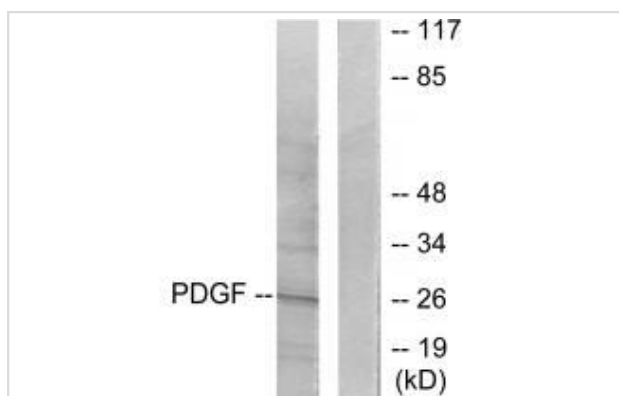
## Description

Product Name	PDGFB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total PDGFB protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human PDGFB.
Target Name	PDGFB
Other Names	PDGF2; ONCOGENE SIS; PDGF B CHAIN; PLATELET-DERIVED GROWTH FACTOR B CHAIN; SIMIAN SARCOMA VIRAL ONCOGENE HOMOLOG
Accession No.	Swiss-Prot: P01127NCBI Gene ID: 5155
SDS-PAGE MW	27kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from NIH/3T3 cells, using PDGFB antibody #33469.

## Background

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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 proliferation and recruitment of pericytes and vascular smooth muscle cells in the central nervous system, skin, lung, heart and placenta. Required for normal blood vessel development, and for normal development of kidney glomeruli. Plays an important role in wound healing. Signaling is modulated by the formation of heterodimers with PDGFA By similarity.

Li Fang, *Arterioscler. Thromb. Vasc. Biol.*, Apr 2004; 24: 787 - 792.

EJ Battegay, *J. Cell Biol.*, May 1994; 125: 917.

RA Seifert, *J. Biol. Chem.*, Feb 1993; 268: 4473 - 4480.

Jason Liu, *Am J Physiol Lung Cell Mol Physiol*, May 1998; 274: 702.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.