

## Datasheet for ABIN6283114 **anti-PDGFB antibody (Internal Region)**



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### Overview

Quantity:	50 µL
Target:	PDGFB
Binding Specificity:	AA 30-110, Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Purpose:	<p>PDGF-B a protein encoded by the PDGFB gene which is approximately 27,2 kDa. PDGF-B is secreted into the extracellular space. It is involved in RET signalling, apoptotic pathways, GAB1 signalosome and the GPCR pathway. It is a growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. It is required for normal proliferation and recruitment of pericytes and vascular smooth muscle cells in the central nervous system, skin, lung, heart and placenta. It also plays an important role in wound healing. PDGF-B is expressed at high levels in the heart, brain, placenta and foetal kidney. Mutations in the PDGFB gene may result in basal ganglia calcification and familial meningioma. STJ94996 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of PDGF-B protein.</p>
Immunogen:	Synthesized peptide derived from human PDGF-B

## Product Details

Isotype:	IgG
Specificity:	PDGF-B Polyclonal Antibody detects endogenous levels of PDGF-B protein.
Characteristics:	Rabbit polyclonal to PDGF-B.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	PDGFB
Alternative Name:	PDGF-B ( <a href="#">PDGFB Products</a> )
Molecular Weight:	27/22 kDa
Gene ID:	5155
UniProt:	<a href="#">P01127</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>

## Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:10000
Comment:	Expressed at high levels in the heart, brain (sustantia nigra), placenta and fetal kidney. Expressed at moderate levels in the brain (hippocampus), skeletal muscle, kidney and lung.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

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should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.