

Datasheet for ABIN714581
anti-PDGFD antibody (AA 271-370)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	PDGFD
Binding Specificity:	AA 271-370
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFD antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDGF-D
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PDGFD
Alternative Name:	PDGF D (PDGFD Products)
Background:	Synonyms: IEGF, SCDGFB, MSTP036, SCDGF-B, Platelet-derived growth factor D, PDGF-D, Iris-

Target Details

expressed growth factor, Spinal cord-derived growth factor B, PDGFD, UNQ1899/PRO4345

Background: 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. Plays an important role in wound healing. Induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis. Can initiate events that lead to a mesangial proliferative glomerulonephritis, including influx of monocytes and macrophages and production of extracellular matrix (By similarity).

Gene ID:	80310
UniProt:	Q9GZP0
Pathways:	RTK Signaling , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400
Restrictions:	For Research Use only

Handling

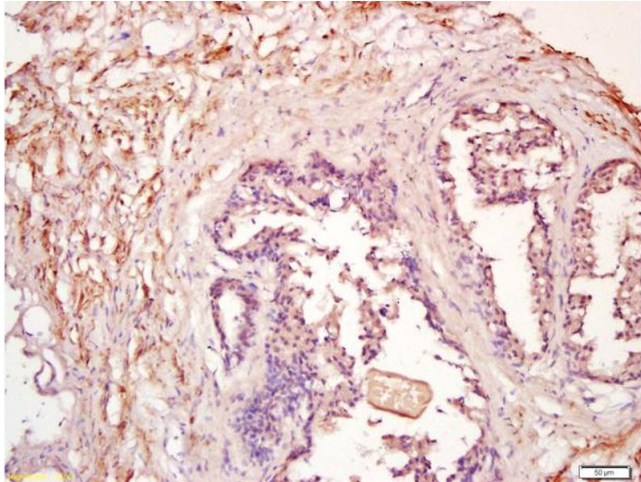
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Hurley, Adams, Wang, Jiang, Meo Burt, Du, Xiao: "Accelerated Fracture Healing in Transgenic Mice Overexpressing an Anabolic Isoform of Fibroblast Growth Factor 2." in: Journal of cellular
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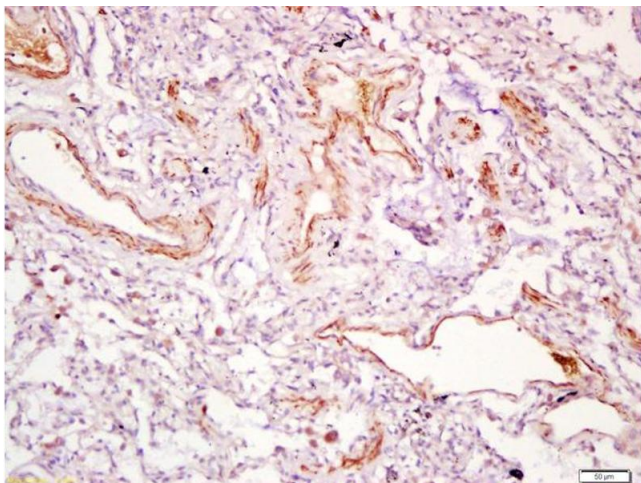
biochemistry, (2015) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human prostate labeled with Anti-PDGF-D Polyclonal Antibody, Unconjugated (ABIN714581) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti-PDGF-D Polyclonal Antibody, Unconjugated (ABIN714581) at 1:200 followed by conjugation to the secondary antibody and DAB staining