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Datasheet for ABIN725990 anti-PDGFB antibody (AA 155-210)

3 Images

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Overview

Quantity:	100 µL
Target:	PDGFB
Binding Specificity:	AA 155-210
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PDGF-B
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	

Target:

PDGFB

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Target Details	
Alternative Name:	PDGF B (PDGFB Products)
Background:	Synonyms: SIS, SSV, IBGC5, PDGF2, c-sis, PDGF-2, Platelet-derived growth factor subunit B,
	PDGF subunit B, Platelet-derived growth factor B chain, Platelet-derived growth factor beta
	polypeptide, Proto-oncogene c-Sis, PDGFB
	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. 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).
Gene ID:	5155
UniProt:	P01127
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin
	Signaling Pathway, Regulation of Carbohydrate Metabolic Process, Smooth Muscle Cell
	Migration, Platelet-derived growth Factor Receptor Signaling

Application Details

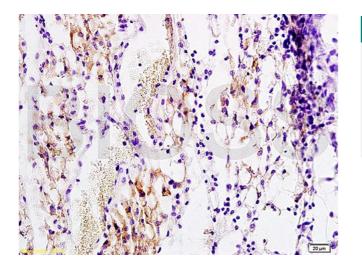
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

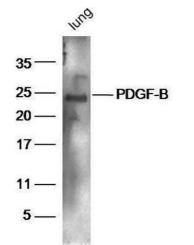
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN725990 | 03/07/2024 | Copyright antibodies-online. All rights reserved.

Handling

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:	Morita, Furube, Mannari, Okuda, Tatsumi, Wanaka, Miyata: "Vascular endothelial growth factor-
	dependent angiogenesis and dynamic vascular plasticity in the sensory circumventricular
	organs of adult mouse brain." in: Cell and tissue research, (2015) (PubMed).
	Lee, Zheng, Kang, Kim, Oh, Cho: "Therapeutic efficacy of autologous platelet-rich plasma and
	polydeoxyribonucleotide on female pattern hair loss." in: Wound repair and regeneration :
	official publication of the Wound Healing Society [and] the European Tissue Repair Society, (
	2015) (PubMed).
	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
	biochemistry, (2015) (PubMed).
	He, Qi, Jia, Wang, Wang, Song, Fu, Li, Luo: "Tumor cell-secreted angiogenin induces angiogenic

activity of endothelial cells by suppressing miR-542-3p." in: **Cancer letters**, Vol. 368, Issue 1, pp. 115-25, (2015) (PubMed).



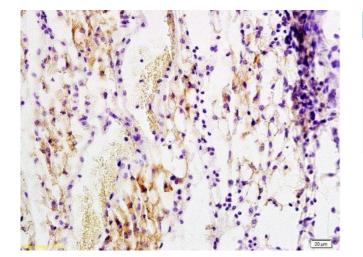


Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat transplant lymphoma labeled with Anti-PDGF-B Polyclonal Antibody, Unconjugated (ABIN725990) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Western Blotting

Image 2. Mouse lung lysates probed with Rabbit Anti-PDGF-B Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat transplant lymphoma labeled with Anti-PDGF-B Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

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