



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58509_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/pdgfb-antibody-n-terminal-region-hrp-arp58509-p050-hrp.html">www.avivasysbio.com/pdgfb-antibody-n-terminal-region-hrp-arp58509-p050-hrp.html</a>
Name	PDGFB Antibody - N-terminal region : HRP (ARP58509_P050-HRP)
Protein Size (# AA)	241 amino acids
Molecular Weight	27kDa
Subunit	B
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5155
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Platelet-derived growth factor beta polypeptide
Alias Symbols	SIS, SSV, IBGC5, PDGF2, c-sis, PDGF-2
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">NRCWALFLSLCCYLRLVSAEGDPIPEELYEMLS DHSIRSFDLQRLHGD</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Chadjichristos, C.E., (2008) <i>Circ. Res.</i> 102 (6), 653-660
Description of Target	PDGFB 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. PDGFB can exist either as a homodimer (PDGF-BB) or as a heterodimer with the platelet-derived growth factor alpha polypeptide (PDGF-AB), where the dimers are connected by disulfide bonds. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 7, at sites where this gene and that for COL1A1 are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans resulting from unregulated expression of growth factor. 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 (PDGF-BB) or as a heterodimer with the platelet-derived growth factor alpha polypeptide (PDGF-AB), where the dimers are connected by disulfide bonds. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 7, at sites where this gene and that for COL1A1 are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans resulting from unregulated expression of growth factor. Two splice variants have been identified for this gene.
Protein Interactions	COL6A1; COL5A1; COL4A1; COL3A1; COL2A1; COL1A2; COL1A1; LYVE1; NRPI; ADIPOQ; MDFI; PDAP1; ART1; PDGFB; HRAS; THBS1; PDGFRA; PDGFRB; HSPG2; LRP1; A2M; SPARC;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-PDGFB (ARP58509_P050-HRP) antibody</a>
Blocking Peptide	For anti-PDGFB (ARP58509_P050-HRP) antibody is <a href="#">Catalog # AAP58509</a> (Previous Catalog # AAPP34718)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PDGFB
Uniprot ID	<a href="#">P01127</a>
Protein Name	Platelet-derived growth factor subunit B
Sample Type Confirmation	There is BioGPS gene expression data showing that PDGFB is expressed in HEK293T

<b>Protein Accession #</b>	<a href="#">NP_002599</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_002608</a>
<b>Gene Symbol</b>	<a href="#">PDGFB</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Sheep
<b>Application</b>	WB, IHC
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Sheep: 100%
<b>Image 1</b>	

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Optimal conditions of its use should be determined by end users.

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