

Product Datasheet

PDGF-B Antibody - BSA Free

NBP1-58279

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-58279

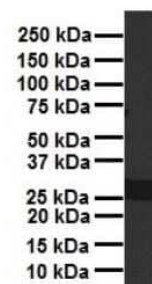
PDGF-B Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	27 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	5155
Gene Symbol	PDGFB
Species	Human
Specificity/Sensitivity	This product is specific to Subunit or Isoform: B.
Immunogen	Synthetic peptides corresponding to PDGFB(platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)) The peptide sequence was selected from the N terminal of PDGFB. Peptide sequence NRCWALFLSLCCYLRLVSAEGDPIPEELYEMLSDHSIRSFDDLQRLHGD The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence Validated for Immunocytochemistry/Immunofluorescence from a verified customer review., Immunohistochemistry-Paraffin 1:10-1:500, Knockdown Validated
Application Notes	PDGF-B Antibody validated for Knockdown from a verified customer review.

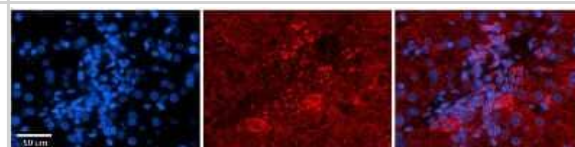


Images

Western Blot: PDGF-B Antibody [NBP1-58279] - Antibody Titration: 1 ug/ml Human liver.



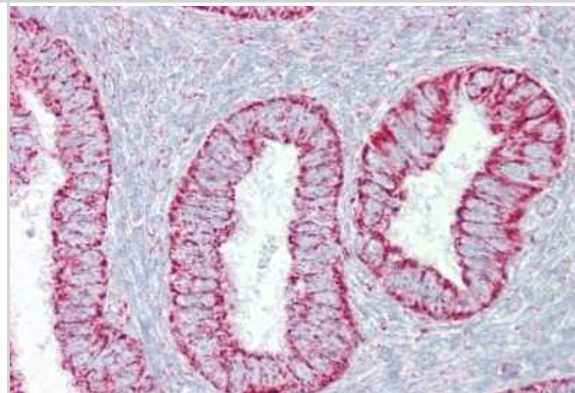
Immunohistochemistry: PDGF-B Antibody [NBP1-58279] - Human Adult liver Observed Staining: Cytoplasmic Primary Antibody Concentration: 1 : 600 Secondary Antibody: Donkey anti-Rabbit-Cy2/3 Secondary Antibody Concentration: 1 : 200 Magnification: 20X Exposure Time: 0.5 2.0 sec Protocol located in Reviews and Data.



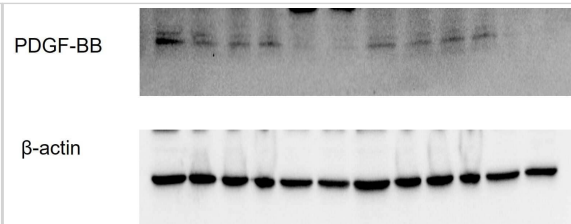
Western Blot: PDGF-B Antibody [NBP1-58279] - 293T cell lysate, Antibody Titration: 0.2-1 ug/ml



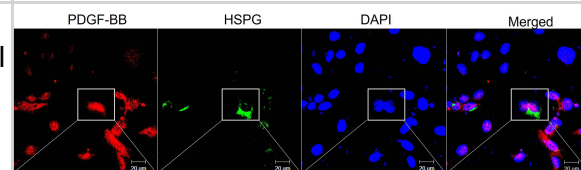
Immunohistochemistry-Paraffin: PDGF-B Antibody [NBP1-58279] - Human Uterus Tissue, 4-8ug/ml.



Western Blot: PDGF-B Antibody [NBP1-58279] - Lanes 1-4 and 7-10 are control and lanes 5, 6, 11 and 12 were PDGF-B knockdown. Knockdown was performed with PDGF-B human siRNA using 20 nM concentration using transfection reagent. Primary antibody dilution - 1:500. Image from verified customer review.



Immunocytochemistry/Immunofluorescence: Rabbit Polyclonal PDGF-B Antibody [NBP1-58279] - Human primary brain microvascular endothelial cells stained for PDGF-BB (NBP1-58279), red and HSPG (NBP1-05170), green and nuclear DAPI blue. Image from a verified customer review.



Publications

Yao F, Luo Y, Liu YC et al. Imatinib inhibits pericyte-fibroblast transition and inflammation and promotes axon regeneration by blocking the PDGF-BB/PDGFR β pathway in spinal cord injury Inflammation and Regeneration 2022-09-26 [PMID: 36163271]

Li Z, Yu S, Liu Y et al. SU16f inhibits fibrotic scar formation and facilitates axon regeneration and locomotor function recovery after spinal cord injury by blocking the PDGFR beta pathway Journal of neuroinflammation 2022-04-16 [PMID: 35429978] (IF/IHC, Mouse)



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Products Related to NBP1-58279

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-53416-10ug	Recombinant Mouse PDGF-B Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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