

Datasheet for ABIN650654
anti-PDGFC antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	PDGFC
Binding Specificity:	AA 74-103, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PDGFC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-103 amino acids from the N-terminal region of human PDGFC.
Clone:	RB1998
Isotype:	Ig Fraction
Predicted Reactivity:	C, M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PDGFC
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Target Details

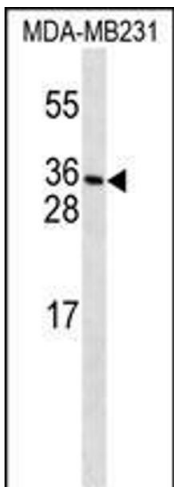
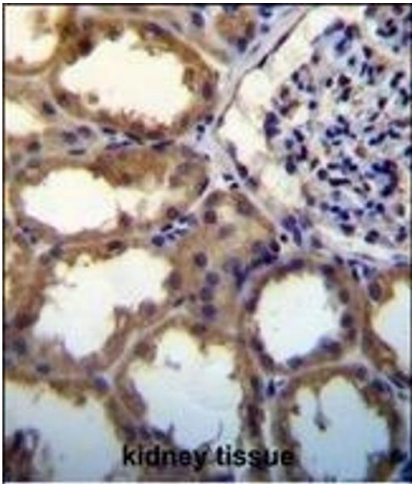
Alternative Name:	PDGFC (PDGFC Products)
Target Type:	Viral Protein
Background:	Platelet-derived growth factor C (PDGFC) is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a motif of eight cysteines. PDGFC seems to form only homodimers, where the dimers are connected by disulfide bonds. It differs from the platelet-derived growth factor alpha (PDGFA) and beta (PDGFB) in having an unusual N-terminal domain, the CUB domain.
Molecular Weight:	39029
Gene ID:	56034
NCBI Accession:	NP_057289
UniProt:	Q9NRA1
Pathways:	RTK Signaling , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. PDGFC antibody (N-term) (ABIN650654 and ABIN2837869) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PDGFC antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. PDGFC Antibody (T89) (ABIN650654 and ABIN2837869) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the PDGFC antibody detected the PDGFC protein (arrow).