



Anti-PDGFC (aa 236-345) polyclonal antibody (DPAB-DC2471)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 core motif of eight cysteines. This gene product appears to form only homodimers. It differs from the platelet-derived growth factor alpha and beta polypeptides in having an unusual N-terminal domain, the CUB domain. Alternatively spliced transcript variants have been found for this gene.
Immunogen	PDGFC (NP_057289, 236 a.a. ~ 345 a.a) partial recombinant protein with GST tag. The sequence is VDLNLLTEEVRLYSCTPRNFSVSIREELKRTDTIFWPGCLLVKRCGGNCACCLHNCNECQ CVPSKVTKKYHEVLQLRPKTGVRGLHKSLTDVALEHHEECDCVCRGSTGG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PDGFC platelet derived growth factor C [Homo sapiens (human)]
Official Symbol	PDGFC
Synonyms	PDGFC; platelet derived growth factor C; SCDGF; FALLOTEIN; platelet-derived growth factor C; PDGF-C; VEGF-E; spinal cord-derived growth factor; secretory growth factor-like protein;
Entrez Gene ID	56034
Protein Refseq	NP_057289
UniProt ID	Q9NRA1
Chromosome Location	4q32
Pathway	Cytokine-cytokine receptor interaction; Focal Adhesion; Gap junction.
Function	growth factor activity; platelet-derived growth factor receptor binding; protein binding; protein homodimerization activity
