

Datasheet for ABIN7269393
anti-PDGFD antibody (AA 185-364)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PDGFD
Binding Specificity:	AA 185-364
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFD antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	PDGFD Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 185-364 of human PDGFD (NP_149126.1).
Sequence:	SGVSYNSPSV TDPTLIADAL DKKIAEFDTV EDLLKYFNPE SWQEDLENMY LDTPRYRGRS YHDRKSKVDL DRLNDDAKRY SCTPRNYSVN IREELKLANV VFFPRCLLVQ RCGGNCGCGT VNWRSTCNS GKTVKKYHEV LQFEPGHIKR RGRAKTMALV DIQLDHHERC DCICSSRPPR
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

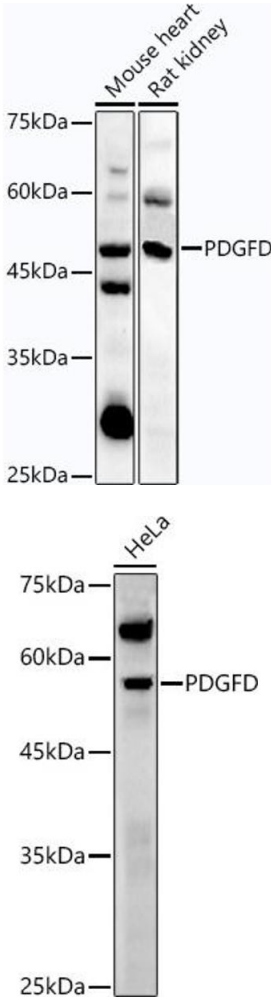
Target:	PDGFD
Alternative Name:	PDGFD (PDGFD Products)
Background:	The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a core motif of eight cysteines, seven of which are found in this factor. This gene product only forms homodimers and, therefore, does not dimerize with the other three family members. It differs from alpha and beta members of this family in having an unusual N-terminal domain, the CUB domain. Two splice variants have been identified for this gene.,PDGFD,IEGF,MSTP036,SCDGF-B,SCDGFB,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Neuroscience,Cardiovascular,Angiogenesis,PDGFD
Molecular Weight:	42kDa
Gene ID:	80310
UniProt:	Q9GZP0
Pathways:	RTK Signaling , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PDGFD antibody (ABIN7269393) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using PDGFD antibody (ABIN7269393) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.