

Datasheet for ABIN1532980
anti-PDGFRB antibody (AA 718-767)[Go to Product page](#)

3 Images

1 Publication

Overview

Quantity:	100 µg
Target:	PDGFRB
Binding Specificity:	AA 718-767
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFRB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PDGF Receptor beta.
Isotype:	IgG
Specificity:	PDGF Receptor beta Antibody detects endogenous levels of total PDGF Receptor beta protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	PDGFRB
Alternative Name:	PDGF Receptor beta (PDGFRB Products)

Target Details

Background:	Synonyms: CD140b, kinase PDGFR-beta, PDGF-R-beta, PDGFR, PDGFR-beta, PGFRB, platelet-derived growth factor receptor, beta polypeptide NCBI Gene Symbol: PDGFRB
Molecular Weight:	123 kDa
Gene ID:	5159
OMIM:	173410
UniProt:	P09619
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Inositol Metabolic Process , Glycosaminoglycan Metabolic Process , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.509067 (NCBI Gene Symbol: PDGFRB)
Restrictions:	For Research Use only

Handling

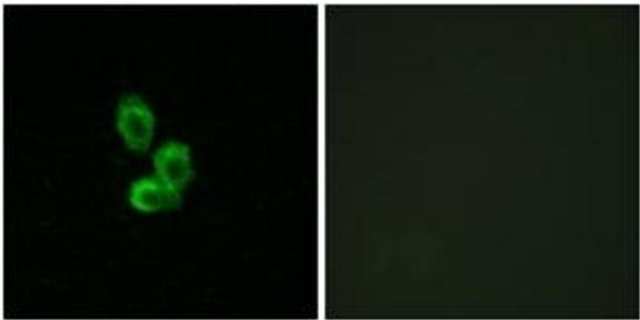
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

Publications

Product cited in:	Yu, Zeidel, Hill: "Cellular expression profile for interstitial cells of cajal in bladder - a cell often
-------------------	--

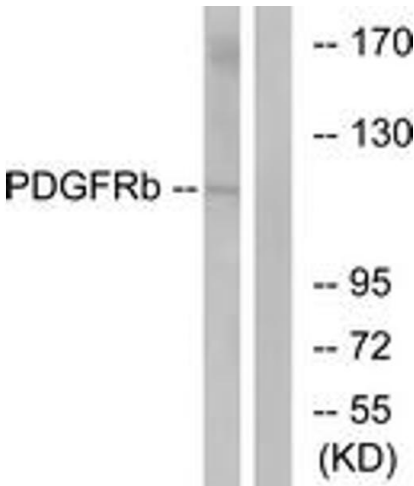
misidentified as myocyte or myofibroblast." in: **PLoS ONE**, Vol. 7, Issue 11, pp. e48897, (2012) ([PubMed](#)).

Images



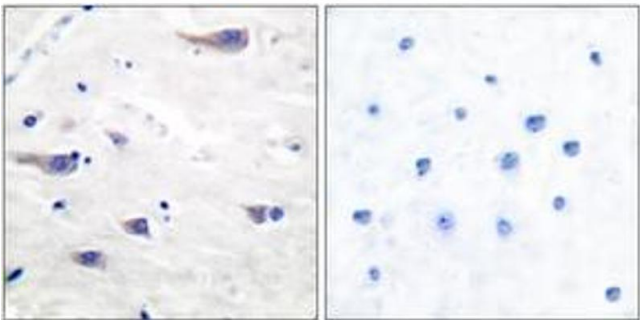
Immunofluorescence

Image 1. Immunofluorescence analysis of HepG2 cells, using PDGF Receptor beta (Ab-751) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from LOVO cells, using PDGF Receptor beta (Ab-751) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 3. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using PDGF Receptor beta (Ab-751) Antibody. The picture on the right is treated with the synthesized peptide.