

Datasheet for ABIN1531621
anti-PDGFRB antibody (pTyr740)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PDGFRB
Binding Specificity:	AA 711-760, pTyr740
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFRB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PDGFR beta around the phosphorylation site of Tyr740.
Isotype:	IgG
Specificity:	PDGFR beta (Phospho-Tyr740) Antibody detects endogenous levels of PDGFR beta only when phosphorylated at Tyr740. PhosphorylationH:Y740 M:Y739 R:Y739
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

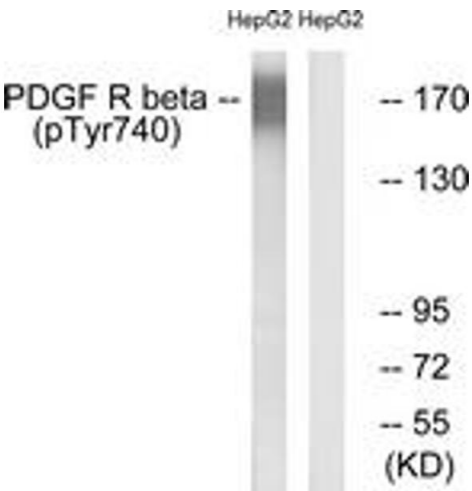
Target:	PDGFRB
Alternative Name:	PDGFR beta (PDGFRB Products)
Background:	Synonyms: CD140b, kinase PDGFR-beta, PDGF-R-beta, PDGFR, PDGFR-beta, PGFRB, platelet-derived growth factor receptor, beta polypeptide NCBI Gene Symbol: PDGFRB
Molecular Weight:	123 kDa
Gene ID:	5159
OMIM:	131440
UniProt:	P09619
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 ELISA: 1:5000
Comment:	Unigene-Number: Hs.509067 (NCBI Gene Symbol: PDGFRB)
Restrictions:	For Research Use only

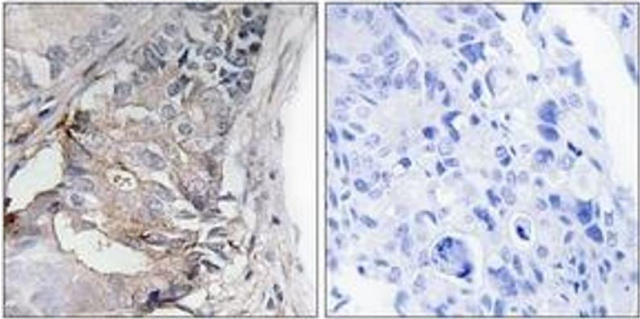
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), 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



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells treated with EGF 200ng/ml 30', using PDGFR beta (Phospho-Tyr740) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using PDGFR beta (Phospho-Tyr740) Antibody. The picture on the right is treated with the synthesized peptide.