

Datasheet for ABIN7441841

anti-PDGFRB antibody (AA 337-583)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	PDGFRB
Binding Specificity:	AA 337-583
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFRB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Platelet Derived Growth Factor Receptor Beta (PDGFRb)
Immunogen:	Recombinant Platelet Derived Growth Factor Receptor Beta (PDGFRb) corresponding to Val337~Pro583 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDGFRb. It has been selected for its ability to recognize PDGFRb in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	PDGFRB
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Target Details

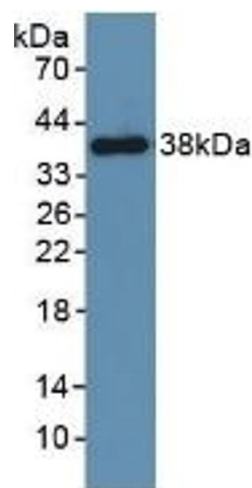
Alternative Name:	PDGFRb (PDGFRB Products)
Background:	CD140b, JTK12, PDGF-R-Beta, PDGFR, PDGFR1, CD140 antigen-like family member B, Platelet-derived growth factor receptor 1, Beta-type platelet-derived growth factor receptor
UniProt:	P05622
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Inositol Metabolic Process , Glycosaminoglycan Metabolic Process , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	ProClin, Sodium azide
Precaution of Use:	This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant PDGFRb, Mouse using Polyclonal Antibody to Platelet Derived Growth Factor Receptor Beta (PDGFRb)