

Datasheet for ABIN7434635

anti-PDGFRα antibody (AA 170-387)



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2 Images

Overview

Quantity:	100 µL
Target:	PDGFRα
Binding Specificity:	AA 170-387
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFRα antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Platelet Derived Growth Factor Receptor Alpha (PDGFRα)
Immunogen:	Recombinant Platelet Derived Growth Factor Receptor Alpha (PDGFRα) corresponding to Ala170~Glu387 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDGFRα. It has been selected for its ability to recognize PDGFRα in immunohistochemical staining and western blotting.
Cross-Reactivity:	Cow, Dog, Goat, Guinea Pig, Mouse, Pig, Rat, Sheep
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

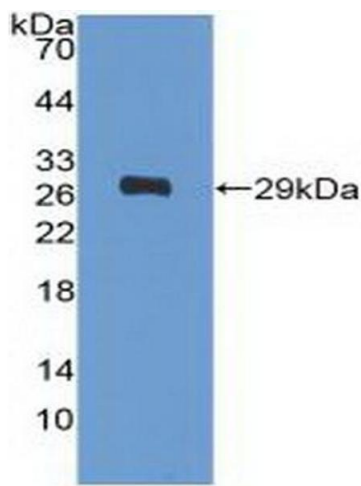
Target:	PDGFRA
Alternative Name:	PDGFRa (PDGFRA Products)
Background:	CD140a, PDGFR2, Rhe-PDGFRa, CD140 antigen-like family member A, Platelet-derived growth factor receptor 2, Alpha-type platelet-derived growth factor receptor
UniProt:	P16234
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	Western blotting: 0.01-2 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

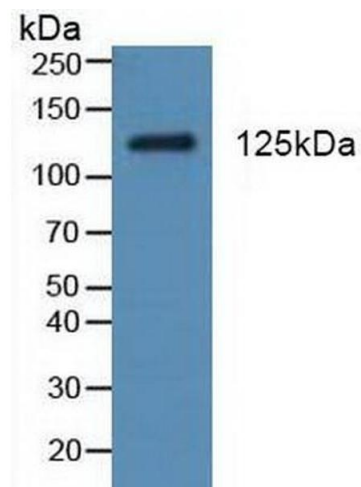
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE 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 PDGFRα, Human using Polyclonal Antibody to Platelet Derived Growth Factor Receptor Alpha (PDGFRα)



Western Blotting

Image 2. Detection of PDGFRα in Rat Testis Tissue using Polyclonal Antibody to Platelet Derived Growth Factor Receptor Alpha (PDGFRα)