Datasheet for ABIN7269399

anti-PDGFA antibody (AA 87-211)

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Overview

Quantity:	100 µL
Target:	PDGFA
Binding Specificity:	AA 87-211
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFA antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	PDGFA Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 87-211 of human PDGFA (NP_002598.4).
Sequence:	SIEEAVPAVC KTRTVIYEIP RSQVDPTSAN FLIWPPCVEV KRCTGCCNTS SVKCQPSRVH HRSVKVAKVE YVRKKPKLKE VQVRLEEHLE CACATTSLNP DYREEDTGRP RESGKKRKRK RLKPT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PDGFA
Alternative Name:	PDGFA (PDGFA Products)
Background:	This gene encodes a member of the protein family comprised of both platelet-derived growth factors (PDGF) and vascular endothelial growth factors (VEGF). The encoded preproprotein is proteolytically processed to generate platelet-derived growth factor subunit A, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit B. These proteins bind and activate PDGF receptor tyrosine kinases, which play a role in a wide range of developmental processes. Alternative splicing results in multiple transcript variants.,PDGF1,PDGF-A,PDGFA,Cell Biology & Developmental Biology,Growth factor,Immunology & Inflammation,Cytokines,PDGFA
Molecular Weight:	24kDa
Gene ID:	5154
UniProt:	P04085
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Smooth Muscle Cell Migration, 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.