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PDGFRL Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7668a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q15198
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB2001
Calculated MW	41861
Antigen Region	328-357

Additional Information

Gene ID	5157
Other Names	Platelet-derived growth factor receptor-like protein, PDGFR-like protein, PDGF receptor beta-like tumor suppressor, PDGFRL, PRLTS
Target/Specificity	This PDGFRL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 328-357 amino acids from the C-terminal region of human PDGFRL.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PDGFRL Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

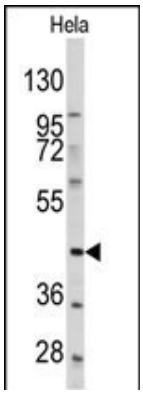
Name	PDGFRL
Synonyms	PRLTS
Cellular Location	Secreted.

Tissue Location Expressed in colon, lung and liver.

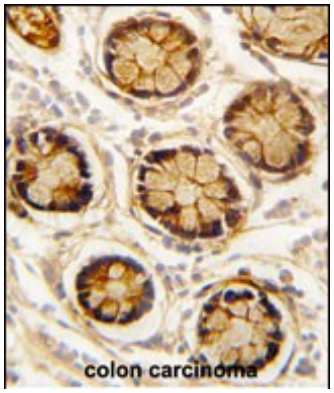
Background

PDGFRL bears significant sequence similarity to the ligand binding domain of platelet-derived growth factor receptor beta. Mutations in the PDGFRL gene, or deletion of a chromosomal segment containing this gene, are associated with sporadic hepatocellular carcinomas, colorectal cancers, and non-small cell lung cancers. This suggests PDGFRL may function as a tumor suppressor.

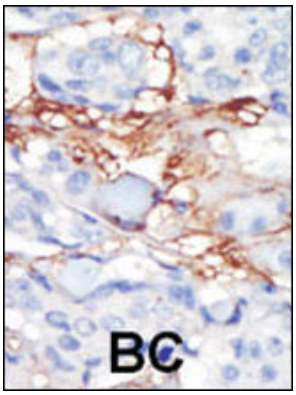
Images



Western blot analysis of anti-PDGFRL Antibody (C-term)(Cat.#AP7668a) in Hela cell line lysates (35ug/lane).PDGFRL(arrow) was detected using the purified Pab.

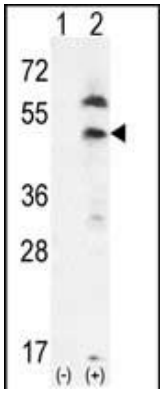


Formalin-fixed and paraffin-embedded human colon carcinoma reacted with PDGFRL antibody (C-term) (Cat.#AP7668a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

Western blot analysis of PDGFRL (arrow) using rabbit polyclonal PDGFRL-T343 (Cat.#AP7668a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PDGFRL gene.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.