

## Product datasheet for **AP14407PU-N**

### PDGFRL (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Immunohistochemistry: 1/50 - 1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human PDGFRL.
Specificity:	This antibody reacts to PDGFRL.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	platelet derived growth factor receptor like
Database Link:	<a href="#">Entrez Gene 5157 Human Q15198</a>

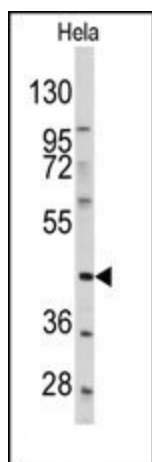


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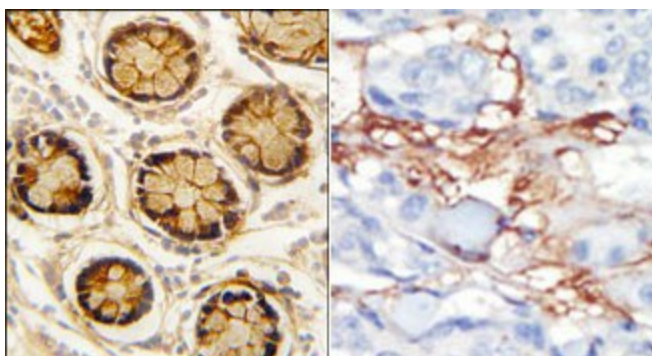
**Background:** PDGFRL bears significant sequence similarity to the ligand binding domain of platelet-derived growth factor receptor beta. Mutations in the PDGFRL gene, or deletion of a chromosomal segment containing this gene, are associated with sporadic hepatocellular carcinomas, colorectal cancers,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

**Synonyms:** PDGFR-like protein, PRLTS

**Product images:**



Western blot analysis of anti-PDGFR antibody (C-term) in HeLa cell line lysates (35ug/lane). PDGFRL (arrow) was detected using the purified Pab.



(LEFT) Formalin-fixed and paraffin-embedded human colon carcinoma reacted with PDGFRL antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. (RIGHT) 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.