

Product datasheet for **AP14406PU-N**

PDGF Receptor beta (PDGFRB) 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: 1/10 - 1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with human recombinant PDGFRB protein.
Specificity:	This antibody reacts to PDGFRB.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation 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 beta
Database Link:	Entrez Gene 5159 Human P09619



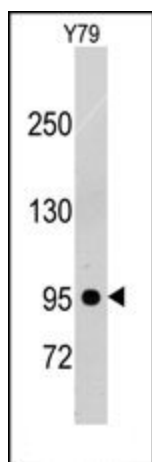
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Background:

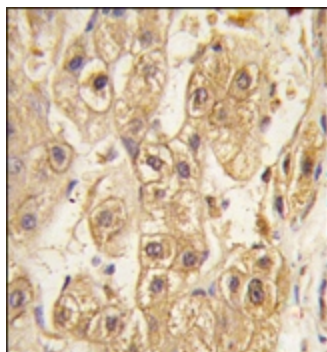
PDGFRB is a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides.

Synonyms:

PDGF-R-beta, PDGF Receptor beta

Product images:

Western blot analysis of anti-PDGFRB Pab in Y79 cell line lysates (35ug/lane). PDGFRB (arrow) was detected using the purified Pab (1:60 dilution).



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with PDGFRB antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.