

## PDGFRB

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB FC

**Recommended Dilution:**WB 1:500 - 1:2000 FC 1:20 - 1:50

**Calculated MW:**124kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic Peptide of human PDGFRB

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:**A1444

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5159

**Isotype:**IgG

**Swiss Prot:**P09619

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes 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. This gene is flanked on chromosome 5 by the genes for granulocyte-macrophage colony-stimulating factor and macrophage-colony stimulating factor receptor; all three genes may be implicated in the 5-q syndrome. A translocation between chromosomes 5 and 12, that fuses this gene to that of the translocation, ETV6, leukemia gene, results in chronic myeloproliferative disorder with eosinophilia. [provided by RefSeq, Jul 2008]

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