

# PDGF Receptor beta(Phospho-Tyr1009) Rabbit Polyclonal Antibody

## Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP11857
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized phosho peptide around human PDGF Receptor $\beta$ (Tyr1009)
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	PDGF Receptor beta
<b>Synonyms</b>	PDGF Receptor $\beta$ ;Tyr1009 ; Platelet-derived growth factor receptor alpha; PDGF-R-alpha; PDGFR-alpha; EC 2.7.10.1; Alpha platelet-derived growth factor receptor; Alpha-type platelet-derived growth factor receptor; CD140 antigen-like family member A; CD140a antigen; Platelet-derived growth factor alpha receptor; Platelet-derived growth factor receptor 2; PDGFR-2; CD antigen CD140a

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

## 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. Studies suggest that this gene plays a role in organ development| wound healing| and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome| somatic and familial gastrointestinal stromal tumors| and a variety of other cancers.

## Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

## Images

No images.

## Storage

-20°C for 1 year