

## Phospho-PDGFR alpha-Y754 polyclonal antibody

Catalog: BS74007

Host: Rabbit

Reactivity: Human

### 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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

180kDa

### Swiss-Prot:

P16234

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:2000

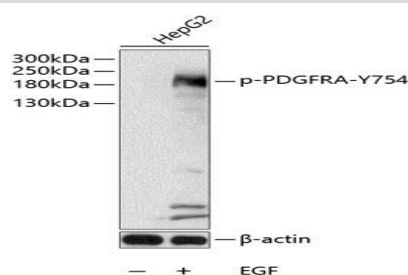
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Category:

Phosphorylated Antibodies

### DATA:



Western blot analysis of extracts of HepG2 cells, using Phospho-PDGFR alpha-Y754 antibody at 1:1000 dilution. HepG2 cells were treated by EGF for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

### Note:

For research use only, not for use in diagnostic procedure.

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