bs-20280R

[Primary Antibody]

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www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

phospho-PDGFRA (Tyr754) Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 5156 **SWISS:** P16234

Target: PDGFRA (Tyr754)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human

PDGF Receptor alpha around the phosphorylation site of Tyr754:

SK(p-Y)SD.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS,

pH7.4.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

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.

[provided by RefSeq, Mar 2012].

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500)

Reactivity: Human, Mouse, Rat

(predicted: Sheep, Cow,

Dog, Horse)

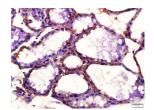
Predicted MW.: 117 kDa

Subcellular Location: Cell membrane

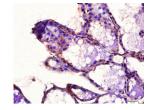
VALIDATION IMAGES



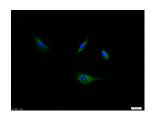
Sample: Brain (Mouse) Lysate at 40 ug Primary: Anti-Phospho-PDGFRA(Tyr754) (bs-20280R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 117 kD Observed band size: 150 kD



Paraformaldehyde-fixed, paraffin embedded (Rat mammary gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phosphorylated platelet-derived-growth-factor receptor alpha; p-PDGFRA) Polyclonal Antibody, Unconjugated (bs-20280R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



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Tissue/cell:A549 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Antibody incubation with (Phospho-PDGFRA (Tyr754)) polyclonal Antibody, Unconjugated (bs-20280R) 1:100, 90 minutes at 37°C; followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.