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## PDGFRA Rabbit pAb

Catalog Number: bs-10989R

Target Protein: PDGFRA

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), ELISA (1:5000-10000)

Reactivity: Human (predicted:Mouse, Rat, Sheep, Cow, Dog, Horse)

Predicted MW: 117 kDa

Entrez Gene: 5156

Swiss Prot: P16234

Source: KLH conjugated synthetic peptide derived from human PDGFRA: 321-420/1089.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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].

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=7.7] Junfang Zhang. et al. GSK3 regulation Wnt/ $\beta$ -catenin signaling affects adipogenesis in bovine skeletal muscle fibro/adipogenic progenitors. INT J BIOL MACROMOL. 2024 Aug;275:133639 IF ; Bovine . 38969042

[IF=2.9] Fuyi Luo. et al. Simultaneous blastic plasmacytoid dendritic cell neoplasm and myelofibrosis: A case report. ONCOL LETT. 2024 May;27(5):1-14 IHC ; Human . 38586204