

Rabbit Anti-PDGFAA + PDGFBB antibody

SL12157R

Product Name PDGFAA + PDGFBB

Chinese Name 血小板源性生长因子 AA+BB 抗体

Alias Becaplermin; c sis; c-sis; FLJ12858; PDGF 1; PDGF 2; PDGF A; PDGF A chain; PDGF B; PDGF B chain; PDGF subunit B; PDGF-2; Pdgfb; PDGFB_HUMAN; Platelet derived growth factor A chain precursor; Platelet derived growth factor alpha polypeptide; Platelet derived growth factor B chain precursor; Platelet derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog); Platelet derived growth factor beta polypeptide; platelet-derived growth factor 2; Platelet-derived growth factor B chain; Platelet-derived growth factor beta polypeptide; Platelet-derived growth factor subunit B; Platelet-derived growth factor, beta polypeptide (oncogene SIS); Proto-oncogene c-Sis; SIS; SSV; v sis platelet derived growth factor beta polypeptide (simian sarcoma viral oncogene homolog).

Research Area Tumour Cardiovascular Cell biology Neurobiology Signal transduction Growth factors and hormones

Immunogen Species Rabbit

Clonality Polyclonal

React Species Human,Rat(predicted:Mouse,Chicken,Dog,Pig,Cow,Horse,Rabbit)

Applications IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 12kDa

Cellular localization Secretory protein

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human PDGFA and PDGFB: 81-180/241

Lsotype IgG



Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a motif of eight cysteines. This gene product can exist either as a homodimer (PDGF-BB) or as a heterodimer with the platelet-derived growth factor alpha polypeptide (PDGF-AB), where the dimers are connected by disulfide bonds. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 7, at sites where this gene and that for COL1A1 are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans resulting from unregulated expression of growth factor. Two alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Oct 2008].
Product Detail	Subcellular Location: Secreted. Tissue Specificity: Expressed at high levels in the heart, brain (sustantia nigra), placenta and fetal kidney. Expressed at moderate levels in the brain (hippocampus), skeletal muscle, kidney and lung. DISEASE: Note=A chromosomal aberration involving PDGFB is found in dermatofibrosarcoma protuberans. Translocation t(17;22)(q22;q13) with PDGF. Similarity: Belongs to the PDGF/VEGF growth factor family. SWISS: P01127 Gene ID: 5155 Database links:

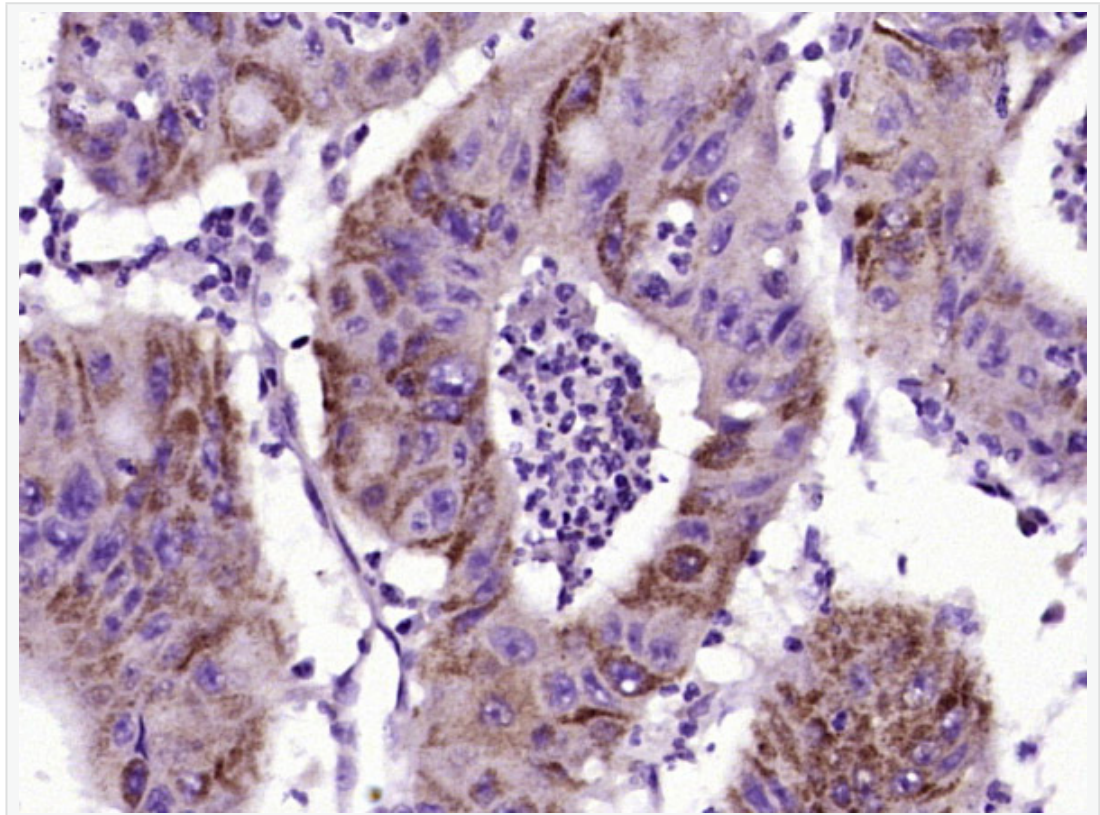
[Entrez Gene: 5155](#) Human

[Omim: 190040](#) Human

[SwissProt: P01127](#) Human

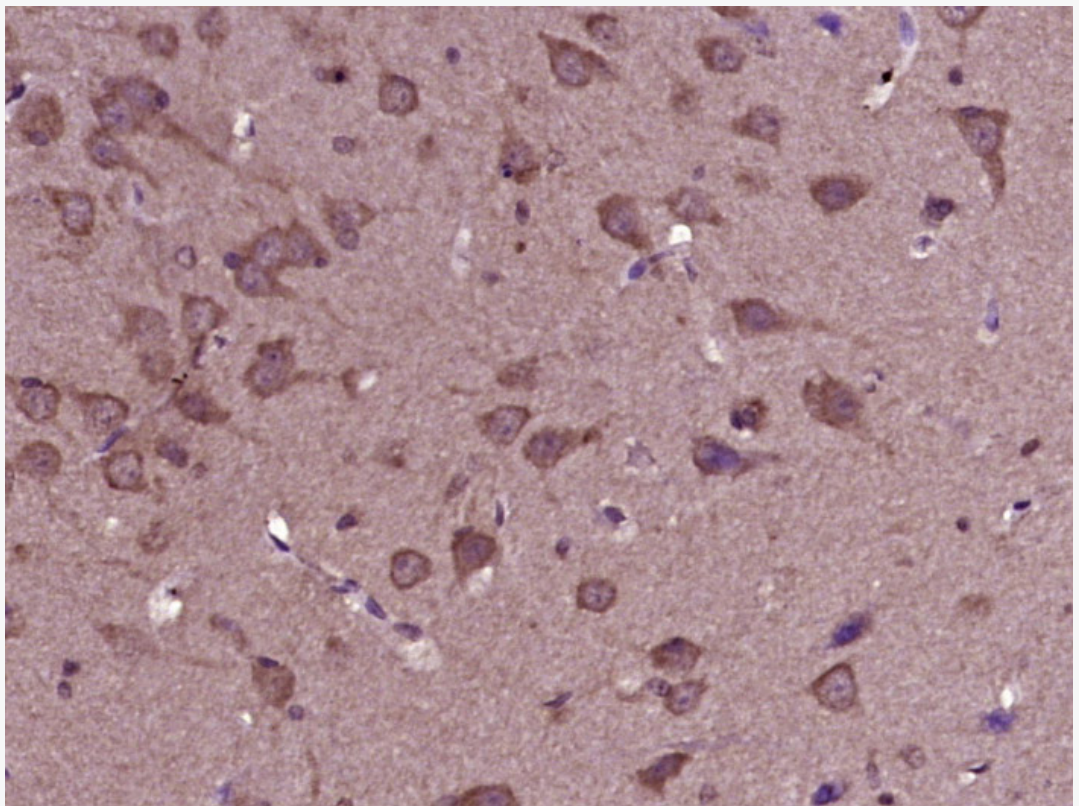
[Unigene: 1976](#) Human

**Product
Picture**



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); 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 (PDGFAA + PDGFBB) Polyclonal Antibody, Unconjugated (SL12157R) at 1:400 overnight at 4°C,

followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); 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 (PDGFAA + PDGFBB) Polyclonal Antibody, Unconjugated (SL12157R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.