



Rabbit Anti-PDGFAA + PDGFBB antibody

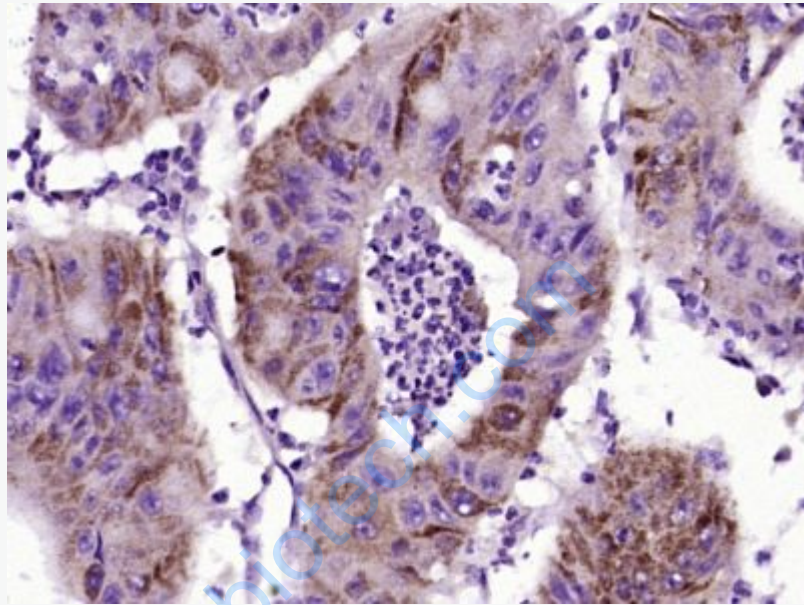
SL12157R

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).
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	12kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or 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
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>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].</p> <p>Subcellular Location: Secreted.</p> <p>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.</p> <p>DISEASE: Note=A chromosomal aberration involving PDGFB is found in dermatofibrosarcoma protuberans. Translocation t(17;22)(q22;q13) with PDGF.</p> <p>Similarity: Belongs to the PDGF/VEGF growth factor family.</p> <p>SWISS: P01127</p> <p>Gene ID: 5155</p> <p>Database links:</p> <p>Entrez Gene: 5155 Human</p> <p>Omim: 190040 Human</p> <p>SwissProt: P01127 Human</p> <p>Unigene: 1976 Human</p>

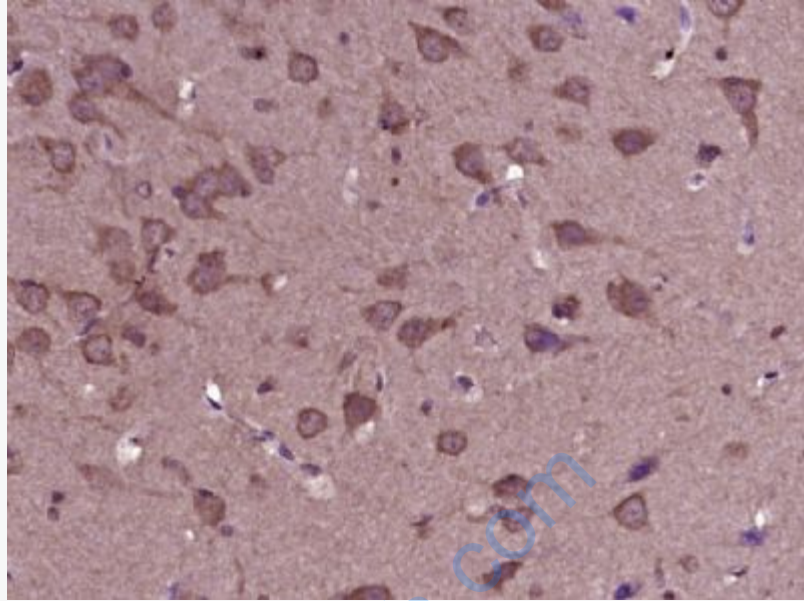
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



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.