

Rabbit Anti-PDGFR β antibody

SL6081R

Product Name	PDGFR β
Chinese Name	血小板源性生长因子受体 β 样蛋白抗体
Alias	PDGF receptor beta like tumor suppressor; PDGFR β _HUMAN; PDGFR-like protein; PDGFR β ; PRLTS.
Research Area	Tumour immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Dog, Horse,) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	40kDa
Cellular localization	Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PDGFR β : 61-150/375
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
Product Detail	This protein is expressed in colon, lung and liver. Defects in PDGFR β are associated with colorectal cancer.

Subunit:

Forms a complex composed of PDGFRL, TNK2 and GRB2.

Subcellular Location:

Secreted (Probable).

Tissue Specificity:

Expressed in colon, lung and liver.

DISEASE:

Colorectal cancer (CRC) [MIM:114500]: A complex disease characterized by malignant lesions arising from the inner wall of the large intestine (the colon) and the rectum. Genetic alterations are often associated with progression from premalignant lesion (adenoma) to invasive adenocarcinoma. Risk factors for cancer of the colon and rectum include colon polyps, long-standing ulcerative colitis, and genetic family history. Note=The gene represented in this entry is involved in disease pathogenesis.

Note=A polymorphism in PDGFRL has been reported to be associated with susceptibility to Behcet disease (PubMed:19815557). Behcet disease is a complex multiple-system disorder characterized by recurrent oral ulcerations, recurrent genital ulcerations, typical skin lesions, and uveitis. Behcet disease also involves joints, blood vessels, musculoskeletal, neurological systems, and the gastrointestinal tract.

Similarity:

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

SWISS:

Q15198

Gene ID:

5157

Database links:

[Entrez Gene: 5157](#) Human

[Entrez Gene: 68797](#) Mouse

[Entrez Gene: 515017](#) Cow

[GenBank: NP_006198.1](#) Human

[Omim: 604584](#) Human

[SwissProt: Q5BIP2](#) Cow



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[SwissProt: Q15198](#) Human

[SwissProt: Q2PFX1](#) Monkey

[SwissProt: Q6PE55](#) Mouse

[Unigene: 458573](#) Human

[Unigene: 284246](#) Mouse