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Rabbit Anti-PDGFRL/AP Conjugated antibody

SL6081R-AP

Product Name	Anti-PDGFRL/AP
Chinese Name	碱性磷酸酶（AP）标记的血小板源性生长因子受体 β 样蛋白抗体
Alias	PDGF receptor beta like tumor suppressor; PGFRL_HUMAN; PDGFR-like protein; PDGRL; PRLTS.
Research Area	Tumour immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Horse)
Applications	IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	40kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PDGFRL
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** This protein is expressed in colon, lung and liver. Defects in PDGFRL 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.

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

SwissProt: Q15198 Human

SwissProt: Q2PFX1 Monkey

SwissProt: Q6PE55 Mouse

Unigene: 458573 Human

Unigene: 284246 Mouse

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Important Note:

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