

For Research Use Only

FGFR1 Polyclonal antibody

Catalog Number: 12947-1-AP **1 Publications**



Basic Information

Catalog Number: 12947-1-AP	GenBank Accession Number: BC018128	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 273 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2260	
Source: Rabbit	Full Name: fibroblast growth factor receptor 1	
Isotype: IgG	Calculated MW: 820 aa, 91 kDa	
Immunogen Catalog Number: AG3646		

Applications

Tested Applications:
ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human

Background Information

Fibroblast growth factor receptor 1 (FGFR1) is a tyrosine-protein kinase that acts as cell-surface receptor for fibroblast growth factors. FGFR1 has been implicated in diverse biological processes including embryonic development, cell proliferation, differentiation, migration, and tumorigenesis. Mutations in FGFR1 gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, squamous cell lung cancer and autosomal dominant Kallmann syndrome. Alternatively spliced variants which encode different protein isoforms have been described.

Notable Publications

Author	Pubmed ID	Journal	Application
Zi-Yue Gu	36938639	Oral Dis	WB,IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data