

For Research Use Only

# FGFR1 Polyclonal antibody, PBS Only

Catalog Number: 30358-1-PBS



## Basic Information

Catalog Number:

30358-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC018128

GeneID (NCBI):

2260

UNIPROT ID:

P11362

Full Name:

fibroblast growth factor receptor 1

Calculated MW:

820 aa, 91 kDa

Observed MW:

80 kDa, 95 kDa, 105 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Fibroblast growth factor receptor 1 (FGFR1) is a tyrosine-protein kinase that acts as a 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 the FGFR1 gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglyphonic dysplasia, squamous cell lung cancer, and autosomal dominant Kallmann syndrome. Alternatively spliced variants that encode different protein isoforms have been described.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

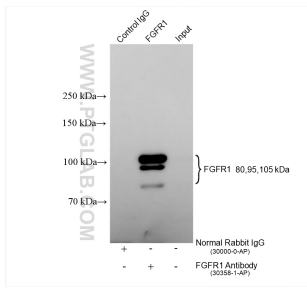
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

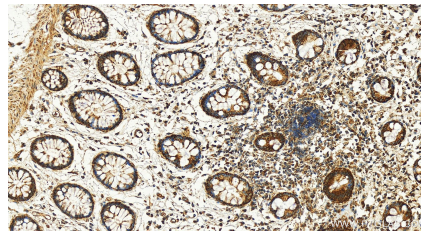
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

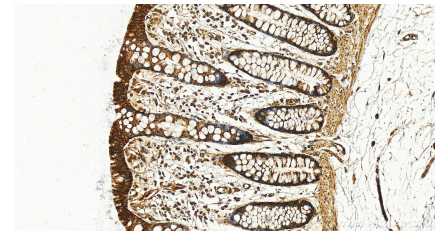
## Selected Validation Data



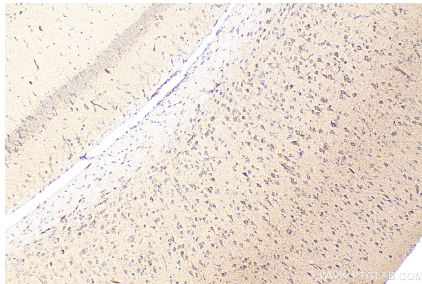
IP result of anti-FGFR1 (IP:30358-1-AP, 4ug; Detection:30358-1-AP 1:300) with SH-SY5Y cells lysate 770 ug. This data was developed using the same antibody clone with 30358-1-PBS in a different storage buffer formulation.



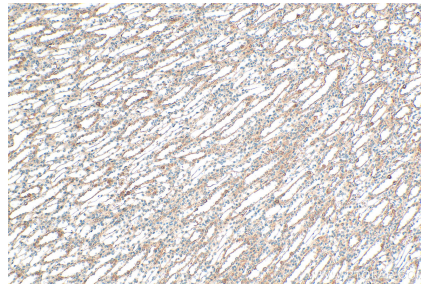
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 30358-1-AP (FGFR1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30358-1-PBS in a different storage buffer formulation.



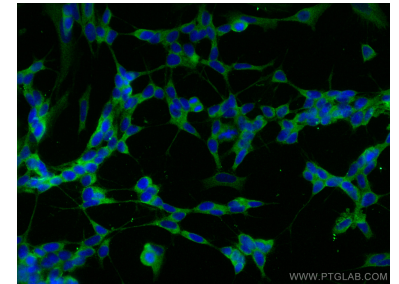
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 30358-1-AP (FGFR1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30358-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 30358-1-AP (FGFR1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30358-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 30358-1-AP (FGFR1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 30358-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using FGFR1 antibody (30358-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 30358-1-PBS in a different storage buffer formulation.