

For Research Use Only

# PPDPF Polyclonal antibody, PBS Only

Catalog Number:19912-1-PBS



## Basic Information

Catalog Number:

19912-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13740

GenBank Accession Number:

BC002531

GeneID (NCBI):

79144

UNIPROT ID:

Q9H3Y8

Full Name:

chromosome 20 open reading frame

149

Calculated MW:

114 aa, 12 kDa

Observed MW:

10-12 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

Pancreatic progenitor cell differentiation and proliferation factor (PPDPF), also known as C20orf149 and EXPDF, belongs to the PPDPF family. PPDPF is a key regulator for the development of exocrine pancreas. PPDPF is highly expressed in various cancers, including HCC, colorectal cancer, prostate cancer, etc (PMID: 34031390, 34975328, 37027301). PPDPF consists of 114 amino acids and the molecular weight is 12 kDa.

## 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:

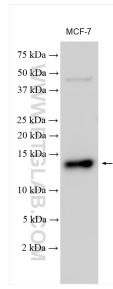
T: 4006900926

E: Proteintech-CN@ptglab.com

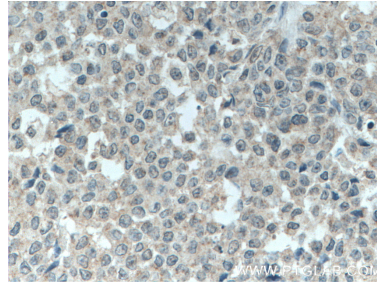
W: ptgcn.com

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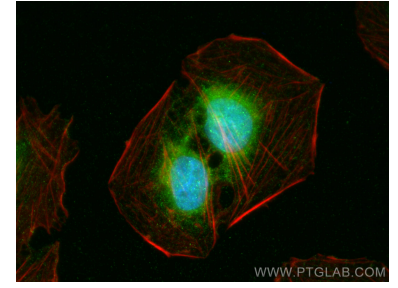
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 19912-1-AP (PPDPF antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19912-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 19912-1-AP (C20orf149 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 19912-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using PPDPF antibody (19912-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 19912-1-PBS in a different storage buffer formulation.