

For Research Use Only

# IFRD2 Polyclonal antibody

Catalog Number: 26952-1-AP **1 Publications**



## Basic Information

**Catalog Number:**

26952-1-AP

**Size:**

1200 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG25057

**GenBank Accession Number:**

BC007265

**GeneID (NCBI):**

7866

**UNIPROT ID:**

Q12894

**Full Name:**

interferon-related developmental regulator 2

**Calculated MW:**

48 kDa

**Observed MW:**

55 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Cited Applications:**

WB, IF

**Species Specificity:**

human

**Cited Species:**

bovine

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB : HL-60 cells, HeLa cells

IHC : human intrahepatic cholangiocarcinoma tissue,

## Background Information

IFRD2, or interferon-related developmental regulator 2, is a protein that has been identified as a novel factor capable of translationally inactivating ribosomes. It plays a role in regulating gene expression by directly binding to 80S ribosomes, which precludes the binding of mRNA and P-site tRNA, thereby inhibiting translation

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhian Gong	38896394	J Muscle Res Cell Motil	WB,IF

## 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

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

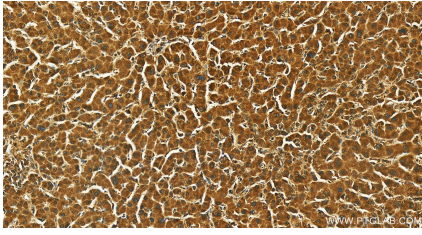
T: 4006900926

E: Proteintech-CN@ptglab.com

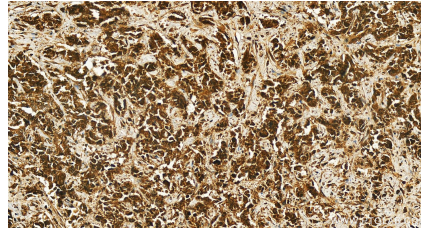
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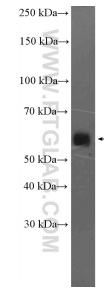
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 26952-1-AP (IFRD2 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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HL-60 cells were subjected to SDS PAGE followed by western blot with 26952-1-AP (IFRD2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.