

For Research Use Only

IFRD2 Polyclonal antibody

Catalog Number: 26952-1-AP

1 Publications



Basic Information

Catalog Number:

26952-1-AP

Size:

150ul, Concentration: 1200 ug/ml by Nanodrop and 600 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

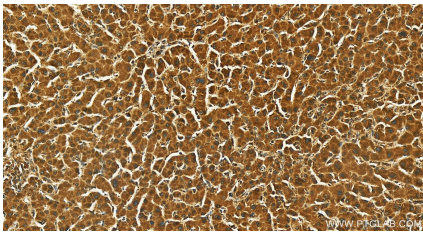
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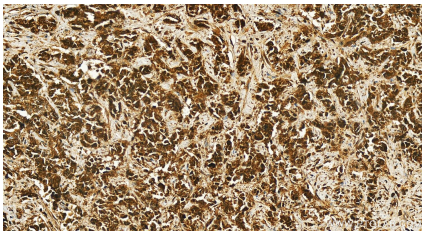
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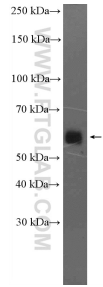
Selected Validation Data



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.