

For Research Use Only

IGF2BP2 Polyclonal antibody

Catalog Number: 11601-1-AP

Featured Product

160 Publications



Basic Information

Catalog Number:

11601-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2142

GenBank Accession Number:

BC021290

GeneID (NCBI):

10644

UNIPROT ID:

Q9Y6M1

Full Name:

insulin-like growth factor 2 mRNA binding protein 2

Calculated MW:

65 kDa

Observed MW:

55-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP, RIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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 : HeLa cells, HepG2 cells, mouse kidney tissue, rat kidney tissue, human kidney tissue, human heart tissue, COLO 320 cells

IP : HEK-293 cells,

IHC : human pancreas cancer tissue, human breast cancer tissue, human colon cancer tissue, mouse stomach tissue, mouse brain tissue

Background Information

Insulin-like growth factor 2 mRNA-binding protein 2(IGF2BP2), is a member of a family of mRNA binding protein, which can bind to several mammalian cells' mRNAs. Thus it may involve in the regulation of translation of mRNA. IGF2BP2's polymorphisms is risk factor for developing type 2 diabetes. This antibody raise against part of N-terminus of human IGF2BP2. IGF2BP2 has some isoforms with the MW of 54-66 kDa. Some literature has reported that multiple bands can be detected (PMID: 22427968, 36322753, 23069990).

Notable Publications

Author	Pubmed ID	Journal	Application
Kusuma Suphakhong	36183833	J Biol Chem	WB
Yibo Bian	36230970	Cells	WB,IHC,IF,RIP
Miao Li	30247605	J Clin Endocrinol Metab	RIP

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

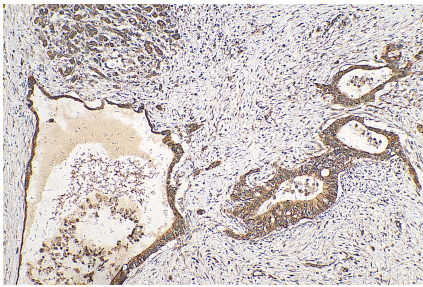
For technical support and original validation data for this product please contact:

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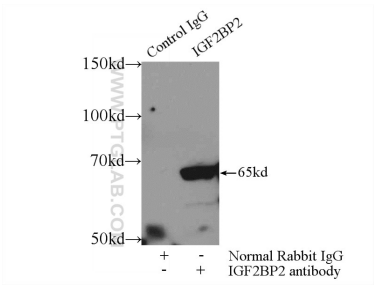
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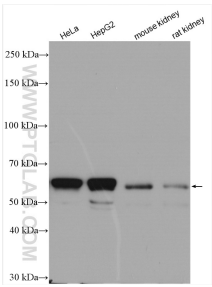
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 11601-1-AP (IGF2BP2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-IGF2BP2 (IP:11601-1-AP, 3ug; Detection:11601-1-AP 1:500) with HEK-293 cells lysate 1000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 11601-1-AP (IGF2BP2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11601-1-AP (IGF2BP2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).