

IGF2BP3 Recombinant antibody

Catalog Number: 81805-1-RR

Basic Information

Catalog Number: 81805-1-RR	GenBank Accession Number: BC065269	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10643	CloneNo.: 1L11
Source: Rabbit	Full Name: insulin-like growth factor 2 mRNA binding protein 3	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:200-1:800
Isotype: IgG	Calculated MW: 64 kDa	
Immunogen Catalog Number: AG6226	Observed MW: 64 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

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 : HEK-293 cells, HepG2 cells, HeLa cells, K-562 cells, NIH/3T3 cells, HSC-T6 cells, mouse placenta tissue

IHC : human pancreas cancer tissue,

Background Information

IGF2BP3, also named IMP3, KOC1, and VICKZ3, belongs to the RRM IMP/VICKZ family. It is one of the RNA binding proteins involved in mRNA localization and translational control. IGF2BP3 is expressed during embryogenesis, as well as in some malignant tumors. It can be used as an independent prognostic factor for osteosarcoma. Both isoforms (64kd and 22kd) of IGFBP3 can be recognized by this antibody. And IGFBP3 is nuclear and cytoplasm stains.

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

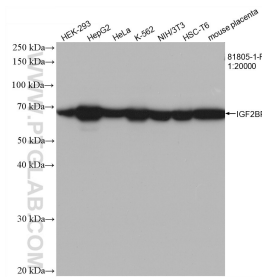
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

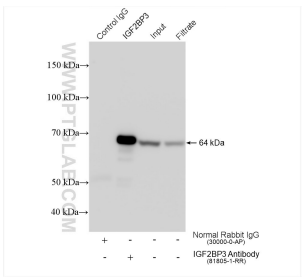
E: proteintech@ptglab.com
 W: ptglab.com

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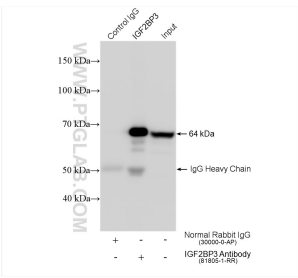
Selected Validation Data



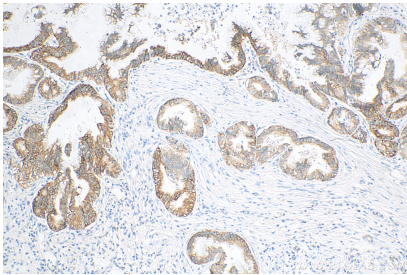
Various lysates were subjected to SDS PAGE followed by western blot with 81805-1-RR (IGF2BP3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



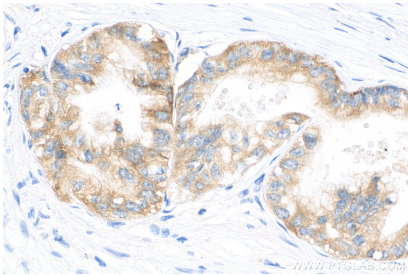
IP result of anti-IGF2BP3(IP:81805-1-RR, 4ug; Detection:81805-1-RR 1:20000) with HeLa cells lysate 1280 ug.



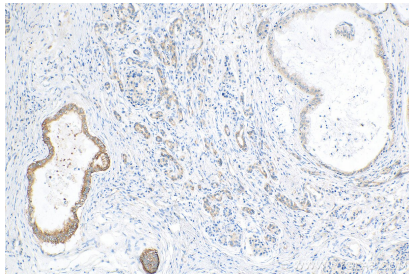
IP result of anti-IGF2BP3(IP:81805-1-RR, 4ug; Detection:81805-1-RR 1:4000) with HeLa cells lysate 1280 ug.



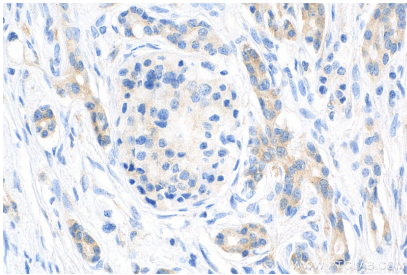
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 81805-1-RR (IGF2BP3 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 81805-1-RR (IGF2BP3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 81805-1-RR (IGF2BP3 antibody) at dilution of 1:400 (under 0x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 81805-1-RR (IGF2BP3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).