

For Research Use Only

# IGF2BP3 Recombinant antibody, PBS Only

Catalog Number: 81805-1-PBS



## Basic Information

Catalog Number: 81805-1-PBS	GenBank Accession Number: BC065269	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 10643	CloneNo.: 1L11
Source: Rabbit	UNIPROT ID: O00425	
Isotype: IgG	Full Name: insulin-like growth factor 2 mRNA binding protein 3	
Immunogen Catalog Number: AG6226	Calculated MW: 64 kDa	
	Observed MW: 64 kDa	

## Applications

Tested Applications:  
WB, IHC, IP, Indirect ELISA

Species Specificity:  
human, mouse, rat

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS Only

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

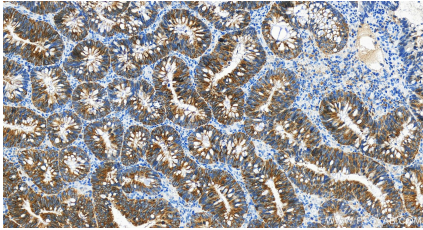
T: 4006900926

E: Proteintech-CN@ptglab.com

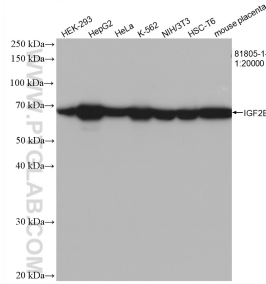
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

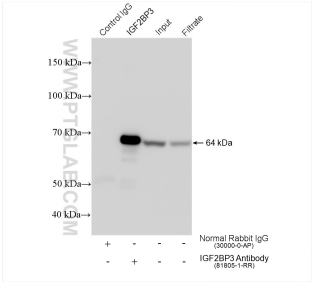
Selected Validation Data



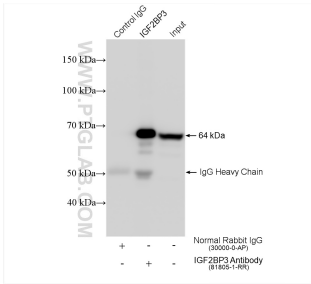
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 81805-1-RR (IGF2BP3 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 81805-1-PBS in a different storage buffer formulation.



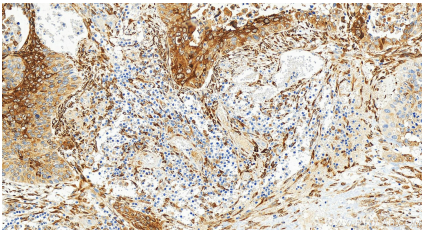
Various lysates were subjected to SDS PAGE followed by western blot with 81805-1-RR (IGF2BP3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81805-1-PBS in a different storage buffer formulation.



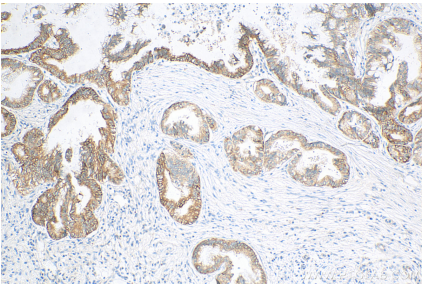
IP result of anti-IGF2BP3 (IP:81805-1-RR, 4ug; Detection:81805-1-RR 1:20000) with HeLa cells lysate 1280 ug. This data was developed using the same antibody clone with 81805-1-PBS in a different storage buffer formulation.



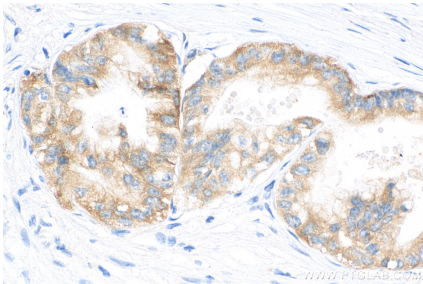
IP result of anti-IGF2BP3 (IP:81805-1-RR, 4ug; Detection:81805-1-RR 1:4000) with HeLa cells lysate 1280 ug. This data was developed using the same antibody clone with 81805-1-PBS in a different storage buffer formulation.



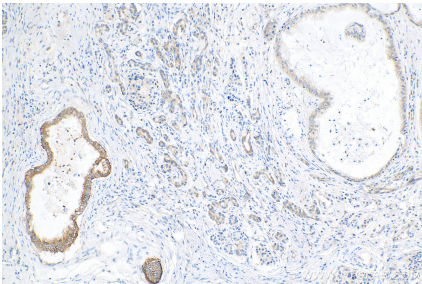
Immunohistochemical analysis of paraffin-embedded human cervical squamous cancer tissue slide using 81805-1-RR (IGF2BP3 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 81805-1-PBS in a different storage buffer formulation.



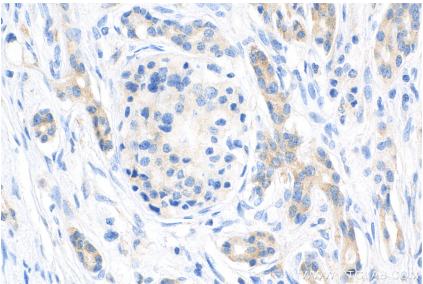
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 81805-1-RR (IGF2BP3 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 81805-1-PBS in a different storage buffer formulation.



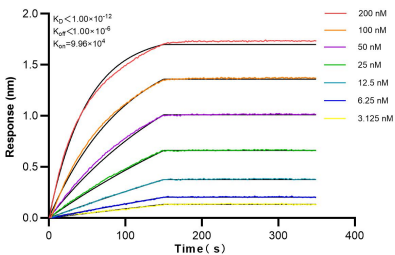
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 81805-1-RR (IGF2BP3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 81805-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 81805-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 81805-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 81805-1-RR against Human IGF2BP3 were performed. The affinity constant is below 1 pM.