

For Research Use Only

HBP1 Polyclonal antibody

Catalog Number: 11746-1-AP

Featured Product

15 Publications



Basic Information

Catalog Number:

11746-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2342

GenBank Accession Number:

BC022329

GeneID (NCBI):

26959

UNIPROT ID:

O60381

Full Name:

HMG-box transcription factor 1

Calculated MW:

514 aa, 58 kDa

Observed MW:

58 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF, ChIP

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : human brain tissue, SGC-7901 cells

IP : mouse brain tissue,

Background Information

HMG-box protein 1 (HBP1) is a transcriptional repressor, and has a role in cell cycle progression and tumor suppression. Also it's a repressor of the cyclin D1 gene and inhibits the Wnt signaling pathway. Interaction with RB1 enhances it's binding to the H1FO promoter. Disrupts the interaction between DNA and TCF4. This is a rabbit polyclonal antibody raised against part of C-terminus of HBP1 of human origin.

Notable Publications

Author	Pubmed ID	Journal	Application
Weaam I Mohamed	34647674	EMBO Rep	WB
Chien-Yi Chan	29030964	J Cell Physiol	WB
Yuning Cheng	36326689	Aging (Albany NY)	WB

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:

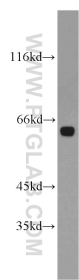
T: 4006900926

E: Proteintech-CN@ptglab.com

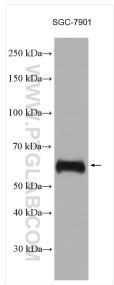
W: ptgcn.com

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

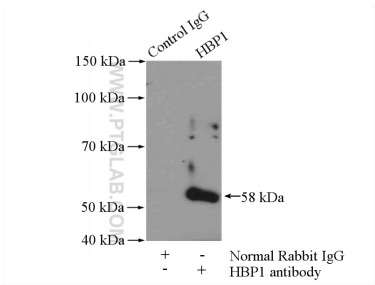
Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 11746-1-AP (HBP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 11746-1-AP (HBP1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-HBP1 (IP:11746-1-AP, 4ug; Detection:11746-1-AP 1:500) with mouse brain tissue lysate 4000ug.