

For Research Use Only

# HBP1 Polyclonal antibody, PBS Only

Catalog Number: 11746-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

11746-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, IP, Indirect ELISA

**Species Specificity:**

human, mouse

## 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 H1F0 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.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

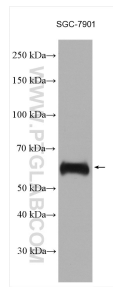
For technical support and original validation data for this product please contact:

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

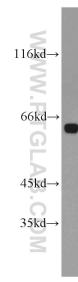
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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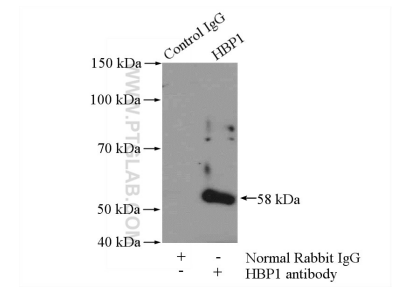
## Selected Validation Data



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. This data was developed using the same antibody clone with 11746-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 11746-1-PBS in a different storage buffer formulation.



IP result of anti-HBP1 (IP:11746-1-AP, 4ug; Detection:11746-1-AP 1:500) with mouse brain tissue lysate 4000ug. This data was developed using the same antibody clone with 11746-1-PBS in a different storage buffer formulation.