HBP1
Polyclonal ANTIBODY
Catalog Number: 11746-1-AP

Basic Information

Catalog Number: 11746-1-AP

Size: 14 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification

GenBank Accession Number: BC022329
GeneID (NCBI): 26959
Full Name: HMG-box transcription factor 1
Calculated MW: 514aa, 58 kDa
Observed MW: 58 kDa

Recommended Dilutions:
WB: 1:500-1:2000
IP: 0.5-4.0 μg for IP and 1:500-1:1000 for WB
IF: 1:50-1:500

Applications

Tested Applications: IF, IP, WB, ELISA
Cited Applications: ChIP, WB
Species Specificity: human, mouse
Cited Species: human

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 its 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.

Notable Publications

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<th>Author</th>
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<tr>
<td>Shuya Wang</td>
<td>28348080</td>
<td>J Biol Chem</td>
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<td>Yulin Li</td>
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<td>Yifan Chen</td>
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Storage

Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.1% 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 1 (888) 4PTGLAB (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.

IP Result of anti-HBP1 (IP: 11746-1-AP, 4ug; Detection: 11746-1-AP 1:500) with mouse brain tissue lysate 400ug.

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 11746-1-AP (HBP1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).