

**Product Name: HBP1 Rabbit Polyclonal Antibody**  
**Catalog #: APRab11918**



## Summary

<b>Production Name</b>	HBP1 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat,Monkey

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	HBP1
<b>Alternative Names</b>	HBP1; HMG box-containing protein 1; HMG box transcription factor 1; High mobility group box transcription factor 1
<b>Gene ID</b>	26959.0
<b>SwissProt ID</b>	O60381.The antiserum was produced against synthesized peptide derived from human HBP1. AA range:431-480

## Application

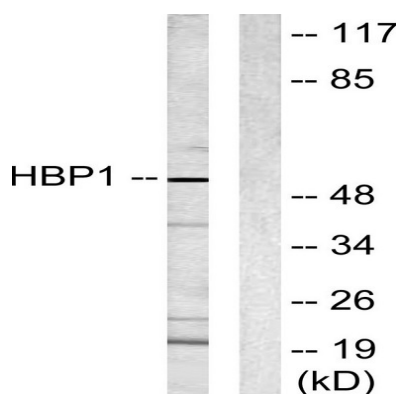
<b>Dilution Ratio</b>	WB 1:500 - 1:2000. ELISA: 1:10000..
<b>Molecular Weight</b>	57kD

## Background

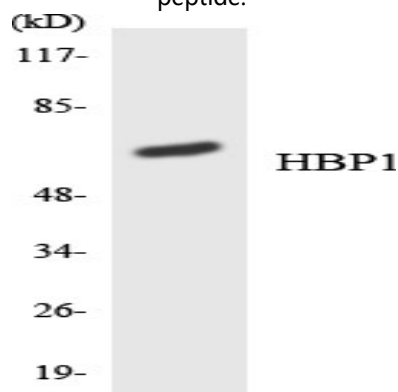
function: Transcriptional repressor that binds to the promoter region of target genes. Plays a role in the regulation of the cell cycle and of the Wnt pathway. Binds preferentially to the sequence 5'-TTCATTCATTCA-3'. Binding to the H1F0 promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4., similarity: Contains 1 AXH domain., similarity: Contains 1 HMG box DNA-binding domain., subunit: Binds the second PAH repeat of SIN3A (By similarity). Binds TCF4 and RB1., function: Transcriptional repressor that binds to the promoter region of target genes. Plays a role in the regulation of the cell cycle and of the Wnt pathway. Binds preferentially to the sequence 5'-TTCATTCATTCA-3'. Binding to the H1F0 promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4., similarity: Contains 1 AXH domain., similarity: Contains 1 HMG box DNA-binding domain., subunit: Binds the second PAH repeat of SIN3A (By similarity). Binds TCF4 and RB1.,

## Research Area

## Image Data

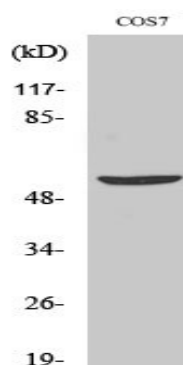


Western blot analysis of lysates from COS7 cells, using HBP1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using HBP1 antibody.

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Western Blot analysis of various cells using HBP1 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

#### **Note**

For research use only.