

Product Name: HBP1 (phospho Ser402) Rabbit Polyclonal Antibody
Catalog #: APRab04757

Summary

Production Name	HBP1 (phospho Ser402) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

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

Immunogen

Gene Name	HBP1
Alternative Names	HBP1; HMG box-containing protein 1; HMG box transcription factor 1; High mobility group box transcription factor 1
Gene ID	26959.0
SwissProt ID	O60381.The antiserum was produced against synthesized peptide derived from human HBP1 around the phosphorylation site of Ser402. AA range:371-420

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:5000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	58kDa

Product Name: HBP1 (phospho Ser402) Rabbit Polyclonal Antibody
Catalog #: AP Rab04757

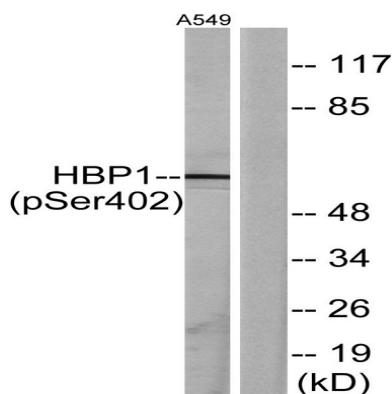


Background

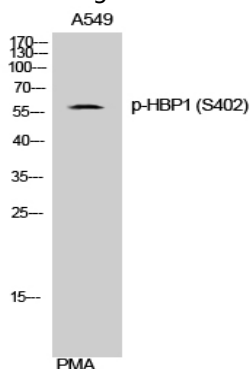
function: Transcriptional repressor that binds to the promoter region of target genes. Plays a role in the regulation of the cell cycle and of the Wnt pathway. Binds preferentially to the sequence 5'-TTCATTCATTCA-3'. Binding to the H1F0 promoter is enhanced by interaction with RB1. Disrupts the interaction 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



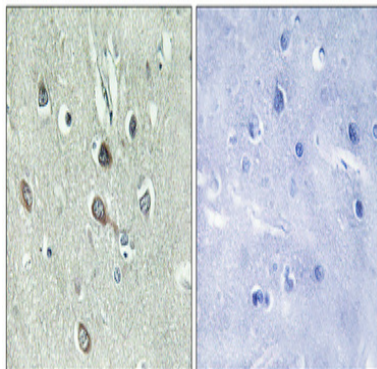
Western blot analysis of lysates from A549 cells treated with PMA 125ng/ml 30', using HBP1 (Phospho-Ser402) Antibody. The lane on the right is blocked with the phospho peptide.



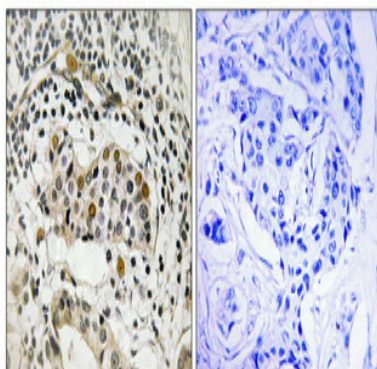
**Product Name: HBP1 (phospho Ser402) Rabbit
Polyclonal Antibody
Catalog #: APRab04757**



Western Blot analysis of A549 cells using Phospho-HBP1 (S402) Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°, overnight) . High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

Note

For research use only.