

HBP1 (phospho Ser402) Polyclonal Antibody

Catalog No :	YP0366
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	HBP1
Gene Name :	HBP1
Protein Name :	HMG box-containing protein 1
Human Gene Id :	26959
Human Swiss Prot No :	O60381
Mouse Swiss Prot No :	Q8R316
Immunogen :	The antiserum was produced against synthesized peptide derived from human HBP1 around the phosphorylation site of Ser402. AA range:371-420
Specificity :	Phospho-HBP1 (S402) Polyclonal Antibody detects endogenous levels of HBP1 protein only when phosphorylated at S402.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	58kD

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.,

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Subcellular Location : Nucleus .

Expression : Brain,Hepatoma,Uterus,

Tag : orthogonal

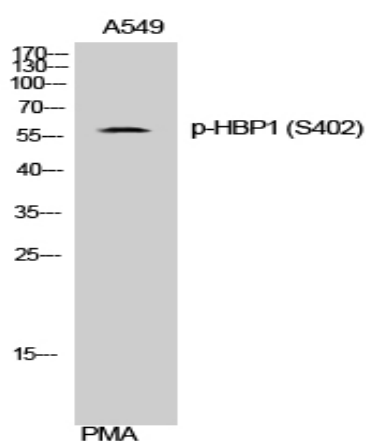
Sort : 7255

No4 : 1

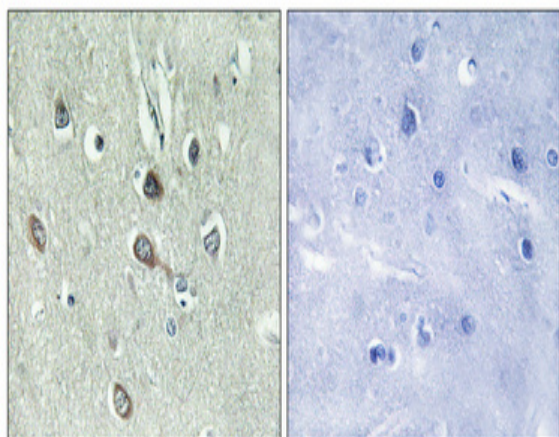
Host : Rabbit

Modifications : Phospho

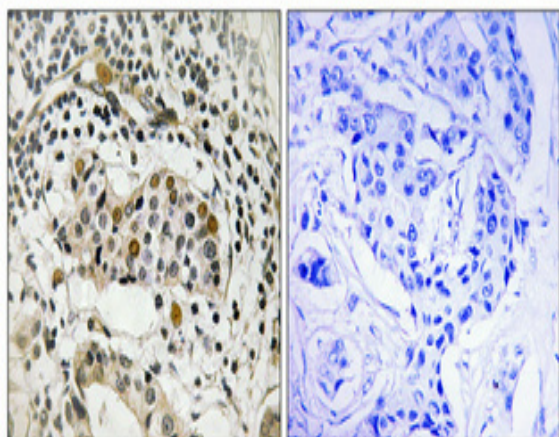
Products Images



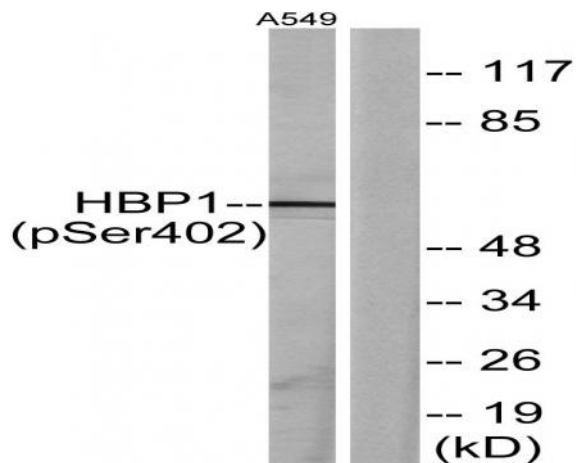
Western Blot analysis of A549 cells using Phospho-HBP1 (S402) Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (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,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



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.