10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

HBP1 (phospho Ser402) Polyclonal Antibody
Catalog # AP67298

Specification

HBP1 (phospho Ser402) Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	O60381
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

HBP1 (phospho Ser402) Polyclonal Antibody - Additional Information

Gene ID 26959

Other Names
HBP1; HMG box-containing protein 1; HMG box transcription factor 1; High mobility group box transcription factor 1

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

HBP1 (phospho Ser402) Polyclonal Antibody - Protein Information

Name HBP1

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 histone H1.0 promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267, ECO:0000269|PubMed:10562551}

HBP1 (phospho Ser402) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

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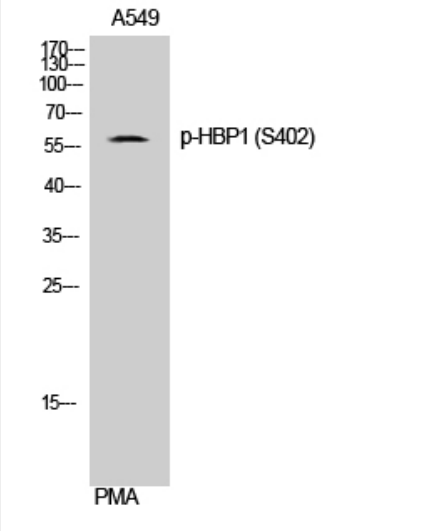
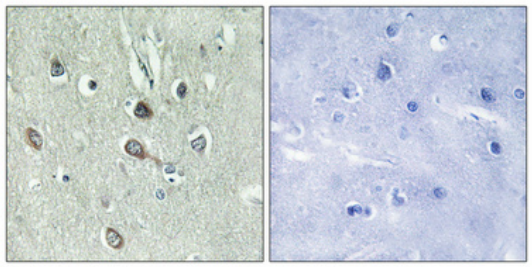
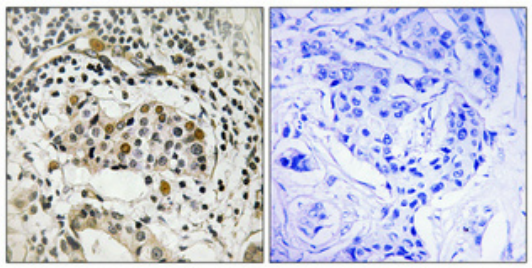
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HBP1 (phospho Ser402) Polyclonal Antibody - Images







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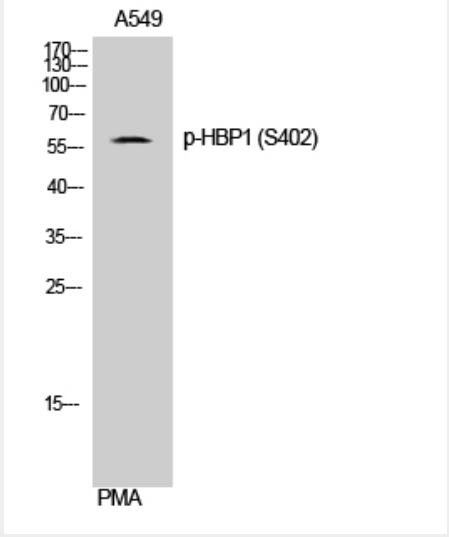

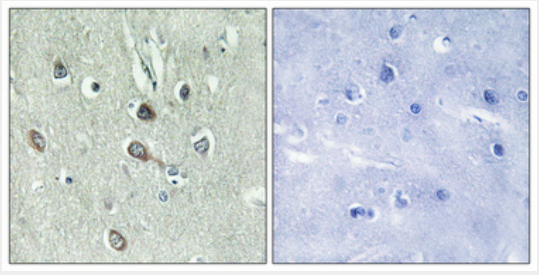

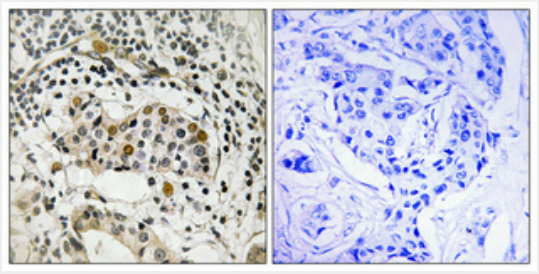

HBP1 (phospho Ser402) Polyclonal Antibody - Background

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.