

HBP1 Polyclonal Antibody

Catalog # AP70286

Product Information

Application WB, IHC-P **Primary Accession** 060381

Reactivity Human, Mouse, Rat, Monkey

HostRabbitClonalityPolyclonalCalculated MW57645

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: 1/10000. 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°C

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.

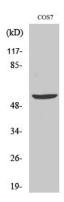
Cellular Location Nucleus {ECO:0000255 | PROSITE-ProRule:PRU00267,

ECO:0000269 | PubMed:10562551}

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.