

HBP1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03904
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HBP1. AA range:431-480
Mol wt	57645
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	HBP1 Antibody
Synonyms	HBP1; HMG box-containing protein 1; HMG box transcription factor 1; High mobility group box transcription factor 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

HBP1 is a Protein Coding gene. HMG-Box Transcription Factor 1 is a 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. Among its related pathways are C-MYC pathway and Regulation of Wnt-mediated beta catenin signaling and target gene transcription. Gene Ontology (GO) annotations related to this gene include RNA binding.

Recommended Dilution

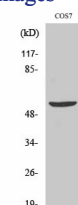
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

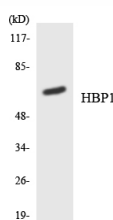
ELISA: 1: 10000

Not yet tested in other applications.

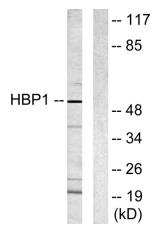
Images



Western Blot analysis of various cells using HBP1 Polyclonal Antibody cells nucleus.



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



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

Storage

-20°C for one year

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