

# 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

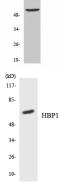
HBP1 is a Protein Coding gene. HMG-Box Transcription Factor 1 is a transcriptional repressor that binds to the promoter region of target genes. Plays a role in the regulation of the cell cycle and of the Wnt pathway. Binds preferentially to the sequence 5-TTCATTCATTCA-3. Binding to the H1F0 promoter 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**

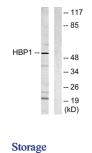
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 10000 Not yet tested in other applications.

### Images (kD)

117-85Western Blot analysis of various cells using HBP1 Polyclonal Antibody cells nucleus.



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



Storage

-20°C for one year

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