

HBP1 Rabbit pAb

CatalogNo: YT2103

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat, Monkey

Applications

- WB, IHC, IF, ELISA

MW

- 57kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:10000

IF 1:50-200

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human HBP1. AA range: 431-480

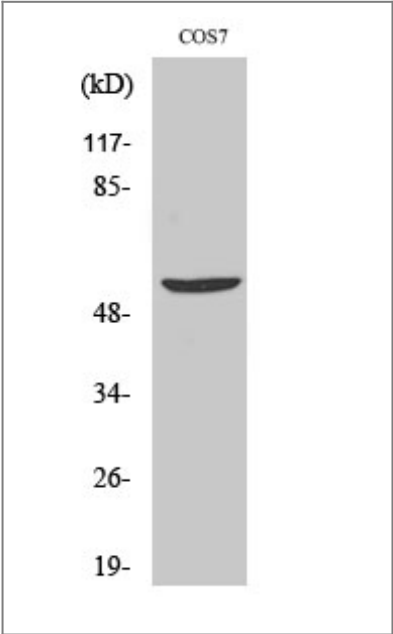
Specificity

HBP1 Polyclonal Antibody detects endogenous levels of HBP1 protein.

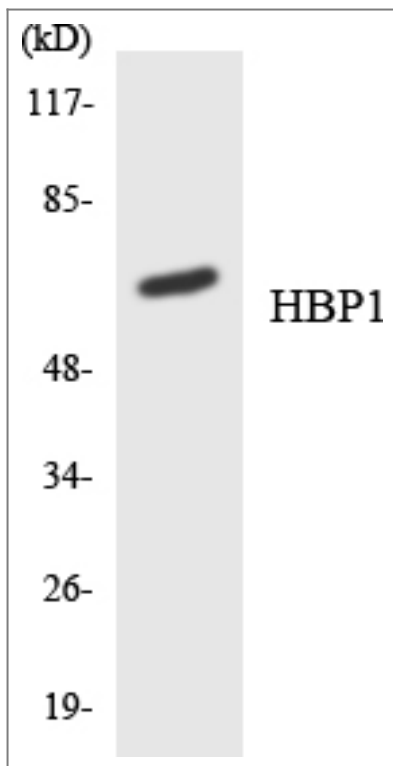
| Target Information

Gene name	HBP1		
Protein Name	HMG box-containing protein 1		
	Organism	Gene ID	UniProt ID
	Human	26959;	O60381;
	Mouse	73389;	Q8R316;
	Rat	27080;	Q62661;
Cellular Localization	Nucleus .		
Tissue specificity	Brain,Hepatoma,Uterus,		
Function	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.,		

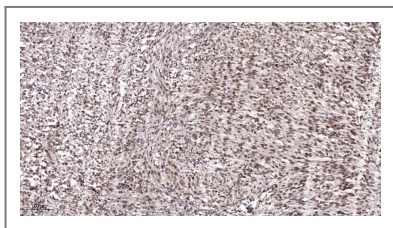
| Validation Data



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).



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



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

Contact information

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Please scan the QR code to access additional product information:
HBP1 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)