



HBP1 Monoclonal Antibody

Catalog No	YP-mAb-01755
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HBP1
Immunogen	The antiserum was produced against synthesized peptide derived from human HBP1. AA range:431-480
Specificity	HBP1 Monoclonal Antibody detects endogenous levels of HBP1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HMG box containing protein 1;HMG box transcription factor 1;HMG box-containing protein 1;HBP1;High mobility group box transcription factor 1
Observed Band	57kD
Calculated Molecular Weight	57kD
Cell Pathway	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'-TTCATTTCATTCA-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.,
Background	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'-TTCATTTCATTCA-3'. Binding to the H1F0



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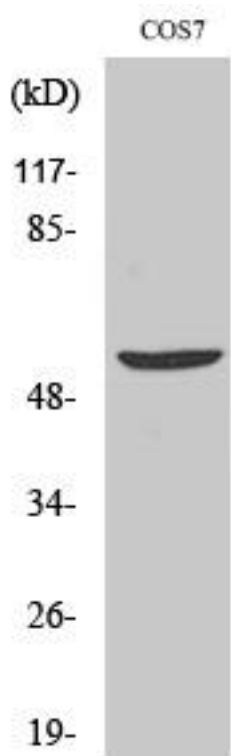
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using HBP1 Monoclonal Antibody