

HBP1 Antibody

Catalog No: #33596

Package Size: #33596-1 50ul #33596-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

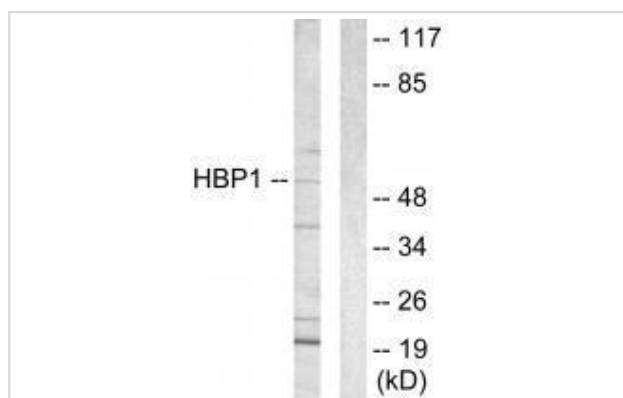
Description

Product Name	HBP1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total HBP1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human HBP1.
Target Name	HBP1
Other Names	HMG box-containing protein 1; HMG box-containing protein 1; High mobility group box transcription factor 1; HBP1;
Accession No.	Swiss-Prot: O60381NCBI Gene ID: 26959
SDS-PAGE MW	57kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from COS-7 cells, using HBP1 antibody #33596.

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.

Lemercier C., Mol. Cell. Biol. 20:6627-6637(2000).

Hillier L.W., Nature 424:157-164(2003).

Ota T., Nat. Genet. 36:40-45(2004).

Published Papers

el at., Focused screening of mitochondrial metabolism reveals a crucial role for a tumor suppressor Hbp1 in ovarian reserve.In Cell Death Differ on 2016 Oct by Z Dong , M Huang et al..PMID:27206316 , , (2016)

[PMID:27206316](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.