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HBP1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50584

Product Information

Application	WB
Primary Accession	O60381
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	57645

Additional Information

Gene ID	26959
Other Names	HMG box-containing protein 1, HMG box transcription factor 1, High mobility group box transcription factor 1, HBP1
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	HBP1
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 histone H1.0 promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267, ECO:0000269|PubMed:10562551}

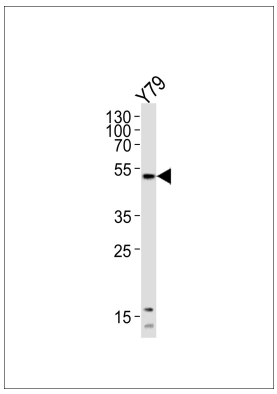
Background

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.

References

Lemercier C.,et al.Mol. Cell. Biol. 20:6627-6637(2000).
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Hillier L.W.,et al.Nature 424:157-164(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Zhuma T.,et al.EMBO J. 18:6396-6406(1999).

Images



Western blot analysis of lysate from Y79 cell line,using HBP1 Antibody(AP50584). AP50584 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.