

## HBP1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP50584

### Specification

#### HBP1 Antibody - Product Information

Application	WB
Primary Accession	<a href="#">O60381</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58 □ 51 KDa
Antigen Region	453-482

#### HBP1 Antibody - 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 Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

#### Storage Conditions

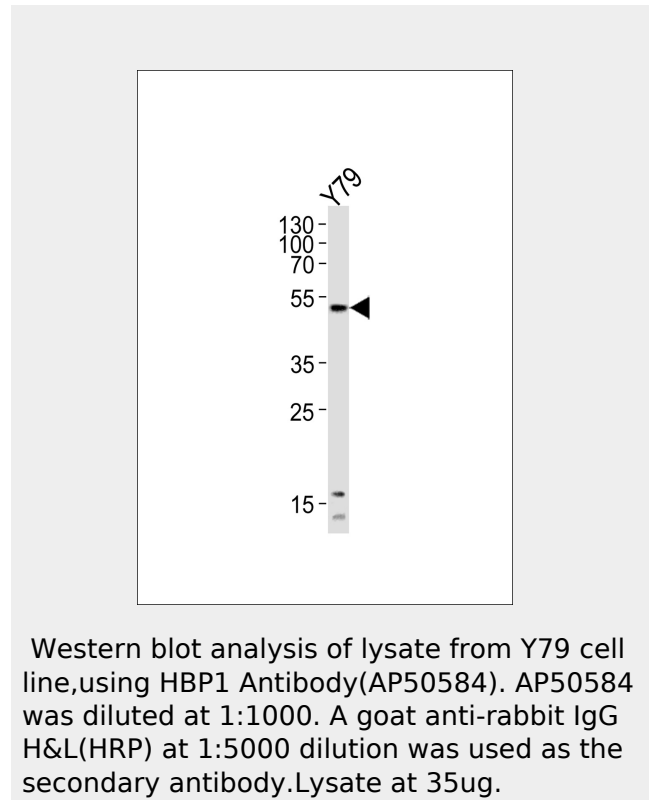
-20°C

#### HBP1 Antibody - 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.



#### HBP1 Antibody - Background

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#### HBP1 Antibody - References

- Lemercier C., et al. Mol. Cell. Biol. 20:6627-6637(2000).
- Ota T., et al. Nat. Genet. 36:40-45(2004).
- 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).

**Cellular Location**

Nucleus

{ECO:0000255|PROSITE-ProRule:PRU00267,  
ECO:0000269|PubMed:10562551}**HBP1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)