

## Product datasheet for **TA343693**

### HBP1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HBP1 antibody: synthetic peptide directed towards the middle region of human HBP1. Synthetic peptide located within the following region: SVILGDRWKKMKNEERRMYTLEAKALAEQKRLNPDCWKRKRTNSGSQQH
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	HMG-box transcription factor 1
Database Link:	<a href="#">NP_036389</a> <a href="#">Entrez Gene 26959 Human O60381</a>
Background:	HBP1 is a transcriptional repressor that binds to the promoter region of target genes. This protein plays a role in the regulation of the cell cycle and of the Wnt pathway. It binds preferentially to the sequence 5'-TTCATTCATTCA-3'. Binding to the H1F0 promoter, HBP1 is enhanced by interaction with RB1. The protein also can disrupt the interaction between DNA and TCF4.
Synonyms:	FLJ16340



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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 92%

**Protein Families:** Transcription Factors

**Product images:**



WB Suggested Anti-HBP1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: HeLa cell lysate. HBP1 is supported by BioGPS gene expression data to be expressed in HeLa