

Rabbit anti-Human HBP1 Polyclonal Antibody | anti-HBP1 antibody

Phospho-HBP1(Ser402) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320732	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

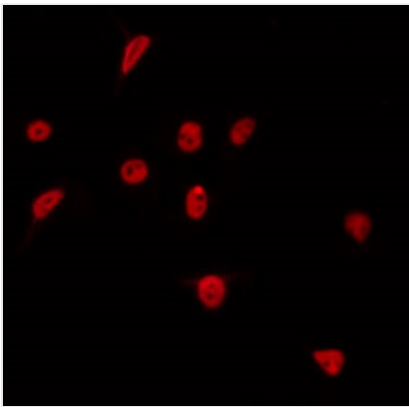
PRODUCT SYNONYMS

HBP1; Polyclonal Antibody; Phospho-HBP1(Ser402) Antibody; FLJ16340; HBP 1; HBP1_HUMAN; High mobility group box transcription factor 1; HMG box containing protein 1; HMG box transcription factor 1; HMG box-containing protein 1; anti-HBP1 antibody

PRODUCT SPECIFICATIONS

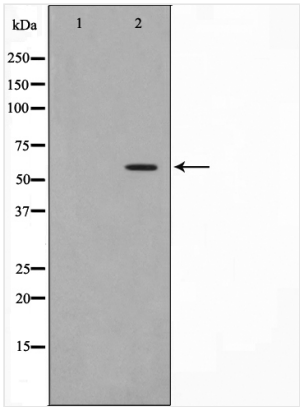
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-HBP1(Ser402) antibody detects endogenous levels of HBP1 only when phosphorylated at Sersine 402
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho-and non-phospho-peptide affinity columns.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	524
Applicable Applications for anti-HBP1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HBP1 around the phosphorylation site of Sersine 402
Subcellular Location	Nucleus.
Conjugation	Unconjugated
Epitope	Phospho Ser402
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA320732 staining A549 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis on A549 cell lysate using Phospho-HBP1(Ser402) Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HBP1 antibody

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 H1F0 promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4.
Subunit Structure: Binds the second PAH repeat of SIN3A (By similarity). Binds TCF4 and RB1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	346716352
NCBI GeneID	26959
NCBI Accession #	NP_001231191.1
NCBI GenBank Nucleotide #	NM_001244262.1
UniProt Accession #	O60381; Q8TBM1; Q8TE93; Q96AJ2; B3KVB7
Molecular Weight	Observed: 58 kDa Predicted: 58 kDa
NCBI Official Full Name	HMG box-containing protein 1 isoform 1
NCBI Official Synonym Full Names	HMG-box transcription factor 1
NCBI Official Symbol	HBP1
NCBI Protein Information	HMG box-containing protein 1
UniProt Protein Name	HMG box-containing protein 1
UniProt Gene Name	HBP1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hbp1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320732>