

Rabbit YB1 Polyclonal Antibody | anti-YB1 antibody

YB1 (Phospho-Ser102) Antibody

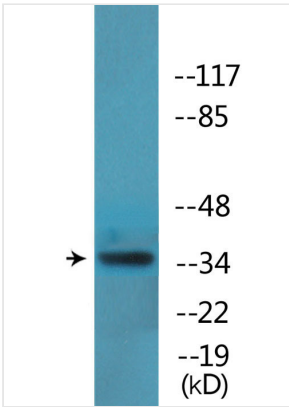
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318409	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

PRODUCT SYNONYMS

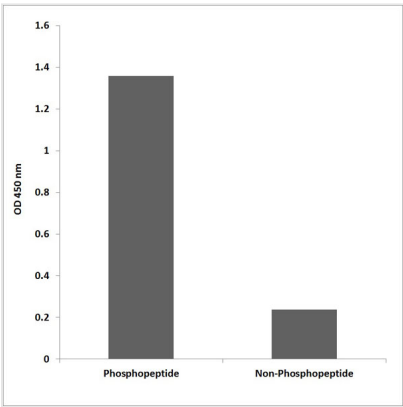
YB1; Polyclonal Antibody; YB1 (Phospho-Ser102) Antibody; CBF-A; CCAAT-binding transcription factor I subunit A; DBPB; DNA-binding protein B; EFI-A; Enhancer factor I subunit A; MSY-1; NSEP1; Nuclease sensitive element binding protein 1; Y box binding protein-1; Y-box transcription factor; YBOX1; YBX1; anti-YB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	YB1 (Phospho-Ser102) Antibody detects endogenous levels of YBX1 only when phosphorylated at Ser102.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (Phospho-without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	324
Applicable Applications for anti-YB1 antibody	ELISA, WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S102; M:S100; R:S100
Immunogen	The antiserum was produced against synthesized phospho-peptide derived from human YB1 around the phosphorylation site of Ser102.
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)
Western blot analysis of lysates from HepG2 cells treated with PMA 125ng/ml 15', using YB1 (Phospho-Ser102) Antibody.



ELISA
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using YB1 (Phospho-Ser102) Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	34098946
NCBI GeneID	4904
NCBI Accession #	NP_004550.2
NCBI GenBank Nucleotide #	NM_004559.4
UniProt Accession #	P67809; P16990; P16991; Q14972; Q15325; Q5FVF0
Molecular Weight	35 kDa
NCBI Official Full Name	nuclease-sensitive element-binding protein 1
NCBI Official Synonym Full Names	Y-box binding protein 1
NCBI Official Symbol	YBX1
NCBI Official Synonym Symbols	YB1; BP-8; CSDB; DBPB; YB-1; CBF-A; CSDA2; EFI-A; NSEP1; NSEP-1; MDR-NF1
NCBI Protein Information	nuclease-sensitive element-binding protein 1
UniProt Protein Name	Nuclease-sensitive element-binding protein 1
UniProt Gene Name	YBX1
UniProt Synonym Gene Names	NSEP1; YB1; CBF-A; DBPB; EFI-A; YB-1

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.