

Datasheet for ABIN1532186
anti-YBX1 antibody (pSer102)



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1 Image

Overview

Quantity:	100 µL
Target:	YBX1
Binding Specificity:	AA 68-117, pSer102
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YBX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human YB1 around the phosphorylation site of Ser102.
Isotype:	IgG
Specificity:	YB1 (Phospho-Ser102) Antibody detects endogenous levels of YB1 only when phosphorylated at Ser102. PhosphorylationH:S102 M:S100 R:S100
Purification:	The antibody was 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.
Purity:	> 95 %

Target Details

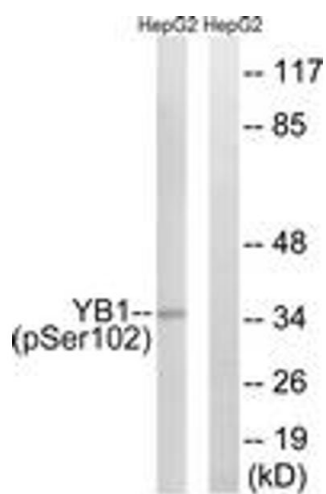
Target:	YBX1
Alternative Name:	YB1 (YBX1 Products)
Background:	Synonyms: CBF-A, CCAAT-binding transcription factor I subunit A, DBPB, DNA-binding protein B, EFl-A, Enhancer factor I subunit A, MSY-1, NSEP1, Nuclease sensitive element binding protein 1, Y box binding protein-1, Y-box transcription factor, YB1, YBOX1, YBX1 NCBI Gene Symbol: YBX1
Molecular Weight:	35 kDa
Gene ID:	4904
OMIM:	154030
UniProt:	P67809
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:40000
Comment:	Unigene-Number: Hs.473583 (NCBI Gene Symbol: YBX1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells treated with PMA 125ng/ml 15', using YB1 (Phospho-Ser102) Antibody. The lane on the right is treated with the synthesized peptide.