

Product Datasheet

Phospho-YB1 (Ser102) Antibody

Catalog No: AY0584

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB



Information

UniProt ID: P67809

All Names: 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

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human YB1 around the phosphorylation site of serine 102 (L-R-SP-V-G).

Molecular Wt.: 36 kDa

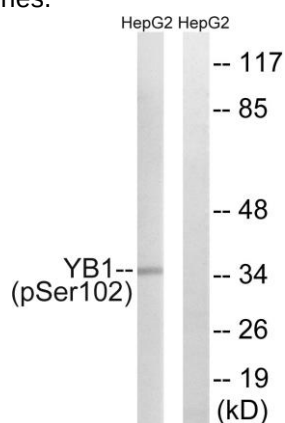
Application

WB: 1:500~1:3000

ELISA: 1:40000

Background

Mediates pre-mRNA alternative splicing regulation. Binds to splice sites in pre-mRNA and regulates splice site selection. Binds and stabilizes cytoplasmic mRNA. Contributes to the regulation of translation by modulating the interaction between the mRNA and eukaryotic initiation factors (By similarity). Regulates the transcription of numerous genes.



Western blot analysis of extracts from HepG2 cells, treated with PMA (125ng/ml, 15mins), using YB1 (Phospho-Ser102) antibody.

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