Anti-YB1 (Phospho-Ser102) Polyclonal Antibody

 Catalog No.
 Size

 A100388-01
 50 μl

 A100388-02
 100 μl



Specificity Anti- YB1 (Phospho-Ser102) (human mouse rat)

Source Rabbit Polyclonal

Application WB ELISA

Form Liquid, 1 mg/ml

Product

Swiss-Prot No.: P67809

Other Names: 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; YB1; YBOX1; YBX1

Specificity and Sensitivity

YB1 (Phospho-Ser102) antibody detects endogenous levels of YB1 only when phosphorylated at serine 102.

Source and Purification

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

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 ELISA: 1:40000

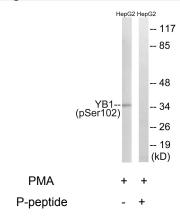
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



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

