

## Anti-Phospho-YBX1 (S102) Antibody

Catalog Number: P01054

### About YBX1

Y box binding protein 1 also known as Y-box transcription factor or nuclease-sensitive element-binding protein 1 is a protein that in humans is encoded by the YBX1 gene. Enables chromatin binding activity; mRNA binding activity; and single-stranded DNA binding activity. Involved in epidermis development and negative regulation of cellular senescence. Acts upstream of or within several processes, including cellular response to interleukin-7; negative regulation of striated muscle cell differentiation; and negative regulation of transcription by RNA polymerase II. Located in cytoplasm and nucleus. Part of histone pre-mRNA 3'end processing complex. Is expressed in several structures, including branchial arch; central nervous system; facial prominence; gonad; and retina. Orthologous to human YBX1 (Y-box binding protein 1).

### Overview

Product Name	Anti-Phospho-YBX1 (S102) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-YBX1 (S102) Antibody catalog # P01054. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P67809

### Technical Details

Immunogen	A synthesized peptide derived from human YB1 around the phosphorylation site of Ser102.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

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