

Phospho-YB1 (Ser102) Rabbit pAb

Catalog Number: bs-3477R

Target Protein: Phospho-YB1 (Ser102)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100), ELISA (1:5000-10000)

Reactivity: Human, Mouse, Rat, Rabbit (predicted:Pig, Cow, Chicken, Dog, GuineaPig, Horse)

Predicted MW: 36 kDa

Entrez Gene: 4904

Swiss Prot: P67809

Source: KLH conjugated Synthesised phosphopeptide derived from human YB1 around the phosphorylation site of Ser102: LR(p-S)VG.

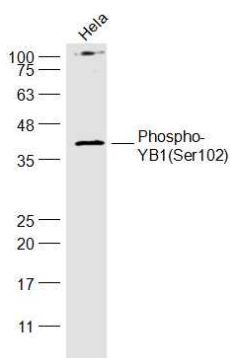
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

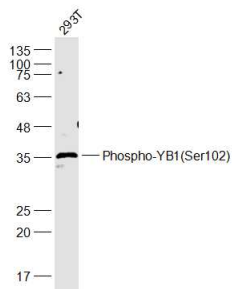
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The Y-box binding protein 1(YB1)is a pluripotent DNA/RNA-binding factor which regulates gene expression through transcription and translation. YB1 has been shown to be a marker of tumour aggressiveness and belongs to the cold-shock domain family.

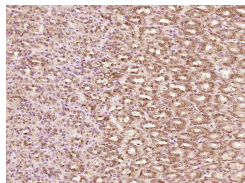
VALIDATION IMAGES



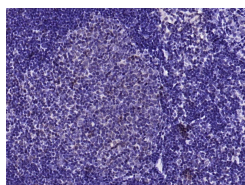
Sample: HeLa(human) Cell Lysate at 30 ug Primary: Anti-Phospho-YB1(Ser102) (bs-3477R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 36 kD



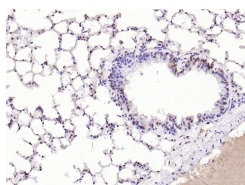
Sample: 293T(Human) Cell Lysate at 30 ug Primary: Anti-Phospho-YB1(Ser102) (bs-3477R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 36 kD



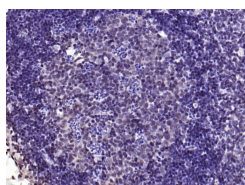
Paraformaldehyde-fixed, paraffin embedded (Rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-YB1(Ser102)) Polyclonal Antibody, Unconjugated (bs-3477R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat lymphoid); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-YB1 (Ser102)) Polyclonal Antibody, Unconjugated (bs-3477R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat lung); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-YB1 (Ser102)) Polyclonal Antibody, Unconjugated (bs-3477R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse lymphoid); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-YB1 (Ser102)) Polyclonal Antibody, Unconjugated (bs-3477R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.