

## Phospho-HSP90 alpha (Thr5 + Thr7) Rabbit pAb

Catalog Number: bs-3181R

Target Protein: Phospho-HSP90 alpha (Thr5 + Thr7)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: **IHC-P** (1:100-500), **IHC-F** (1:100-500), **IF** (1:100-500)

Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig)

Predicted MW: 84 kDa

Subcellular: Cell membrane, Cytoplasm

Locations:

Entrez Gene: 3320

Swiss Prot: P07900

Source: KLH conjugated Synthesised phosphopeptide derived from human HSP90 around the phosphorylation site of Thr5 + Thr7: EE(p-T)Q(p-T)QD.

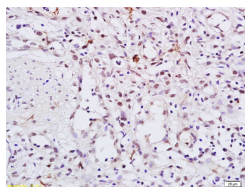
Purification: affinity purified by Protein A

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

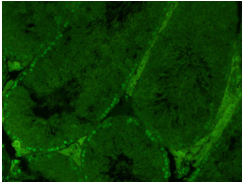
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Hsp90 (heat shock protein 90) is a molecular chaperone and is one of the most abundant proteins in unstressed cells. It is an ubiquitous molecular chaperone found in eubacteria and all branches of eukarya, but it is apparently absent in archaea. Whereas cytoplasmic Hsp90 is essential for viability under all conditions in eukaryotes, the bacterial homologue HtpG is dispensable under non-heat stress conditions.

### VALIDATION IMAGES



Tissue/cell: human gastric carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Phospho-HSP90 alpha (Thr5+Thr7) Polyclonal Antibody, Unconjugated(bs-3181R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); 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-HSP90 alpha (Thr5 + Thr7)) Polyclonal Antibody, Unconjugated (bs-3181R) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-AF488) for 90 minutes, and DAPI for nuclei staining.

## PRODUCT SPECIFIC PUBLICATIONS

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**[IF=4.145]** Wanqing Zhou. et al. LncRNA-MEG3 attenuates hyperglycemia-induced damage by enhancing mitochondrial translocation of HSP90A in the primary hippocampal neurons. EXP CELL RES. 2022 Aug;;113320 CoIP, WB ; Rat . 35998683