

Hsp90 Polyclonal Antibody

CATALOG NO: 5858-30T 30 µg (Trial size)
5858-200 200 µg

CONCENTRATION: 0.5 mg/ml

HOST: Rabbit

IMMUNOGEN: Recombinant human Hsp90

INTERNAL ID: L8

SPECIES REACTIVITY: Human, mouse, rat

FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, 0.5 mM EDTA and 0.03 % ProClin®.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

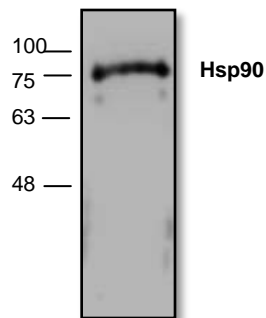
BACKGROUND:

Heat shock proteins (HSPs) are ubiquitously expressed in all organisms. A major function of HSP90 and other HSPs is to act as molecular chaperones. HSP90 forms a complex with glucocorticoid receptor (GR), rendering the non-ligand-bound receptor transcriptionally inactive. HSP 90 binds the GR as a heterocomplex composed of either HSP56 or cyclophilin-40, forming an aporeceptor complex. HSP90 also exists as a dimer with other proteins such as p60/sti1 and p23, forming an aporeceptor complex with estrogen and androgen receptors.

SPECIFICITY:

The antibody recognizes Hsp90α and Hsp90β of human, mouse, and rat origins.

APPLICATION: The antibody can be used in Western blotting (0.5-4 µg/ml). Based on researchers feed back, the antibody also works well in immunoprecipitation (10-20 µg/ml) and immunohistochemistry (frozen sections, 10-20 µg/ml). However, the optimal concentrations should be determined individually.



Cat. No. 5858-200 Hsp90 Antibody
Western blot analysis using
Recombinant human Hsp90
(400 ng).

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