



Polyclo Polyclonal Anti- Heat shock protein HSP 90 beta, *HSP90B* (Sepharose Bead Conjugate)

Catalogue No. PA1340-S

Lot No. 0131012034099

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human, rat, mouse..

No cross reactivity
with other proteins.

Recommended application

(Immunoprecipitation(IP))

Immunogen

A synthetic peptide corresponding to a sequence at the middle region of human HSP90B (687-700 aa), identical to the related mouse and rat sequence.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2
with 0.01mg NaN₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

Heat shock protein HSP 90-beta is a protein that in humans is encoded by the HSP90AB1 gene.[1][2][3]Hsp90β is mapped to chromosome 12q23.3.4The function of Hsp90βincludes assisting in protein folding, cell signaling, and tumor repression. This protein was first isolated by extracting proteins from stressed cells. These cells were stressed by heating, dehydrating or by other means, all of which caused the cell's proteins to begin to denature.5

REFERENCE

- 1、Rebbe NF, Hickman WS, Ley TJ, Stafford DW, Hickman S (Oct 1989). "Nucleotide sequence and regulation of a human 90-kDa heat shock protein gene". J Biol Chem 264 (25): 15006–11.
- 2、Chen B, Piel WH, Gui L, Bruford E, Monteiro A (Dec 2005). "The HSP90 family of genes in the human genome: insights into their divergence and evolution". Genomics 86 (6): 627–37.
- 3、"Entrez Gene: HSP90AB1 Heat shock protein 90kDa alpha (cytosolic), class B member 4、Chen, B., Piel, W. H., Gui, L., Bruford, E., Monteiro, A. The HSP90 family of genes in the human genome: insights into their divergence and evolution. Genomics 86: 627-637, 2005.
- 5、Prodromou C, Panaretou B, Chohan S, Siligardi G, O'Brien R, Ladbury JE, Roe SM, Piper PW, Pearl LH (August 2000). "The ATPase cycle of Hsp90 drives a molecular 'clamp' via transient dimerization of the N-terminal domains". EMBO J. 19 (16): 4383–92..

For Research Use Only not for diagnostic and clinical use

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com