HSP90AA1Polyclonal Antibody

E90365

Catalog Number: E90365
Amount: 100ul
Background: HSP70 and HSP90 are molecular chaperones expressed constitutively under normal conditions to mai homeostasis and are induced upon environmental stress (1). Both HSP70 and HSP90 are able to interact w proteins to prevent irreversible aggregation and catalyze the refolding of their substrates in an co-chaperone-dependent manner (1). HSP70 has a broad range of substrates including newly synthesized ar proteins, while HSP90 tends to have a more limited subset of substrates, most of which are signaling molecules HSP90 often function collaboratively in a multi-chaperone system, which requires a minimal set of co-chapero Hop, and p23 (2,3). The co-chaperones either regulate the intrinsic ATPase activity of the chaperones or recruit c specific substrates or subcellular compartments (1,4). When the ubiquitin ligase CHIP associates with the HS complex as a cofactor, the unfolded substrates are subjected to degradation by the proteasome (4). The biologica HSP70/HSP90 extend beyond their chaperone activity. They are essential for the maturation and inactivatio hormones and other signaling molecules (1,3). They also play a role in vesicle formation and protein trafficking (2
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: HSP90AA1;FLJ31884;HSP86;HSP89A;HSP90A;HSP90N;HSPC1;HSPCA;HSPCAL1;HSPCAL4;HSPN;Hsp89;H
Immunogen: N term -peptideof human HSP90AA1
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 90kDa
Swiss-Prot No. : P07900
Gene ID: 3320
References: 1. Nollen, E.A. and Morimoto, R.I. (2002) J. Cell Sci. 115, 2809-2816. 2. Young, J.C. et al. (2003) Trends Bioch 541-547. 3. Pratt, W.B. and Toft, D.O. (2003) Exp. Biol. Med. 228, 111-133. 4. Hohfeld, J. et al. (2001) EMBO Rep

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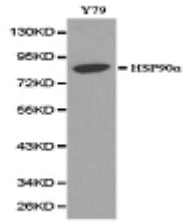
WB 1:500 - 1:2000

IHC 1:50- 1:200



Western blot analysis of Y79 cell lysateusing HSP90A antibody.

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