

HSP 90 (Acetyl Lys435) Polyclonal Antibody

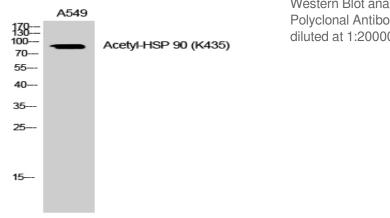
| Catalog No : | YK0030 |
|-------------------------|--|
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;ELISA |
| Target : | HSP 90 |
| Fields : | >>Protein processing in endoplasmic reticulum;>>PI3K-Akt signaling pathway;>>Necroptosis;>>Antigen processing and presentation;>>NOD-like receptor signaling pathway;>>IL-17 signaling pathway;>>Th17 cell differentiation;>>Progesterone-mediated oocyte maturation;>>Estrogen signaling pathway;>>Salmonella infection;>>Pathways in cancer;>>Chemical carcinogenesis - receptor activation;>>Prostate cancer;>>Lipid and atherosclerosis;>>Fluid shear stress and atherosclerosis |
| Gene Name : | HSP90AA1 |
| Protein Name : | Heat shock protein HSP 90-alpha |
| Human Gene Id : | 3320 |
| Human Swiss Prot | P07900 |
| No : Mouse Gene Id : | 15519 |
| Mouse Swiss Prot | P07901 |
| No : Rat Gene Id : | 299331 |
| Rat Swiss Prot No : | P82995 |
| Immunogen : | Synthesized acetyl-peptide derived from the human HSP 90 around the acetylation site of K435. |
| Specificity : | Acetyl-HSP 90 (K435) Polyclonal Antibody detects endogenous levels of HSP 90 protein only when acetylated at K435. |
| | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |



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| Soundation : | Polyclonal, Rabbit,IgG |
| Dilution : Purification : | WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications. The antibody was affinity-purified from rabbit antiserum by affinity- |
| | chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 85kD |
| Cell Pathway : | Antigen processing and presentation;NOD-like receptor;Progesterone-mediated oocyte maturation;Pathways in cancer;Prostate cancer; |
| Background : | The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012], |
| Function : | caution:Despite classification as a pseudogene, the existence of this protein is supported by unambiguous mass spectrometry evidence.,function:Molecular chaperone.,function:Molecular chaperone. Has ATPase activity.,similarity:Belongs to the heat shock protein 90 family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Homodimer. Interacts with AHSA1, SMYD3 and TOM34. Interacts with FNIP1 and HSF1., |
| Subcellular Location : | Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified by mass spectrometry in melanosome fractions from stage I to stage IV. |
| Expression : | Adult brain,Brain,Brain cortex,Breast,Cajal-Retzius |

Products Images





Western Blot analysis of A549 cells using Acetyl-HSP 90 (K435) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000