

HSP90 Polyclonal Antibody

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| Catalog No : | YT5327 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC;IF;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/HSP90AB1 |
| Protein Name : | Heat shock protein HSP 90-alpha/Heat shock protein HSP 90-beta |
| Human Gene Id : | 3326 |
| Human Swiss Prot No : | P07900/P08238 |
| Mouse Gene Id : | 15519/15516 |
| Mouse Swiss Prot No : | P07901/P11499 |
| Rat Gene Id : | 299331/301252 |
| Rat Swiss Prot No : | P82995/P34058 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from human HSP90A/B around the non-acetylation site of Lys292/284. AA range:251-300 |
| Specificity : | HSP 90 Polyclonal Antibody detects endogenous levels of HSP 90 protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |

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| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200 |
| Purification : | 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 |
| Sort : | 2 |
| No4 : | 1 |
| Host : | Rabbit |
| Modifications : | Unmodified |

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