

HSP 90 (Acetyl Lys292/284) Polyclonal Antibody

Catalog No: YK0029

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

P07900

No:

Mouse Gene Id: 15519

Mouse Swiss Prot

P07901

No:

Rat Gene Id: 299331

Rat Swiss Prot No: P82995

Immunogen: The antiserum was produced against synthesized Acetyl-peptide derived from

human HSP90A/B around the Acetylation site of Lys292/284. AA range:251-300

Specificity: Acetyl-HSP 90 (K292/284) Polyclonal Antibody detects endogenous levels of

HSP 90 protein only when acetylated at K292/284.

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.



Soumdation : Polyclonal, Rabbit, lgG

Dilution : WB 1:500 - 1:2000. IHC: 1:100-300 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 Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified

Location: by mass spectrometry in melanosome fractions from stage I to stage IV.

Expression : Adult brain, Brain, Brain cortex, Breast, Cajal-Retzius

Sort : 7878

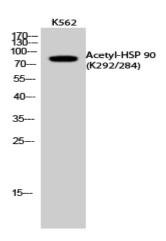
No4: 1

Host: Rabbit

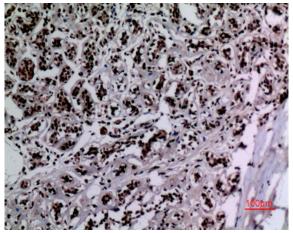
Modifications : Acetyl



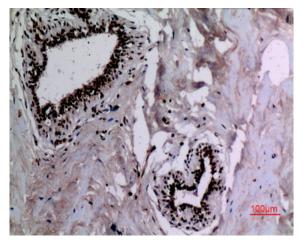
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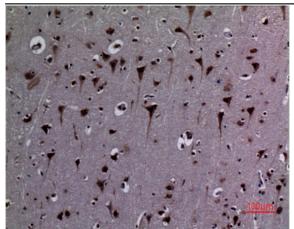
Western Blot analysis of K562 cells using Acetyl-HSP 90 (K292/284) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded humanbreast, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded humanbrain, antibody was diluted at 1:100

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