

# HSP90 (Acetyl Lys292/284) Rabbit pAb

CatalogNo: YK0029

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB, IHC, IF, ELISA

### MW

- 85kD (Observed)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

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

## Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC: 1:100-300**

**ELISA 1:20000**

**IF 1:50-200**

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**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

This antibody detects endogenous levels of HSP 90 only when acetylated at Human:K292/284, Mouse:K293/284, Rat:K293/284. This antibody does not recognize acetylated at other sites. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):LNKTK

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## | Target Information

**Gene name** HSP90AA1/HSP90AB1

**Protein Name** Heat shock protein HSP 90-alpha/Heat shock protein HSP 90-beta

Organism	Gene ID	UniProt ID
Human	<a href="#">3326</a> ;	<a href="#">P07900</a> ;
Mouse	<a href="#">15519</a> ;	<a href="#">P07901</a> ;
Rat	<a href="#">299331</a> ;	<a href="#">P82995</a> ;

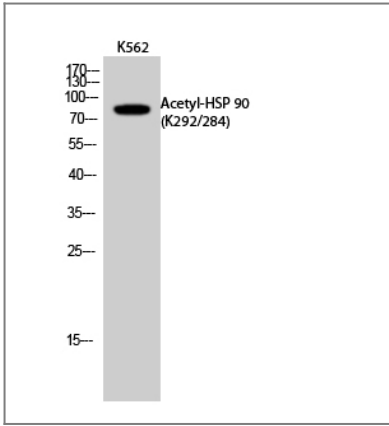
**Cellular Localization** Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

**Tissue specificity** Adult brain,Brain,Brain cortex,Breast,Cajal-Retzius

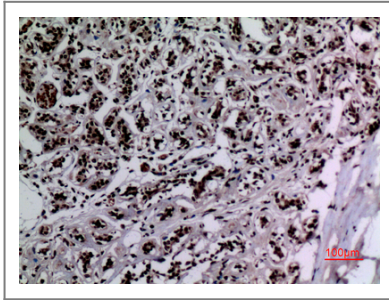
**Function** Caution:Despite classification as a pseudogene, the existence of this protein is supported by unambiguous mass spectrometry evidence.,Function:Molecular chaperone.,Function:Molecular chaperone. Has ATPase activity.,similarity:Belongs to the heat shock protein 90 family.,subcellular location:Identified 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.,

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## | Validation Data



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 human-breast, antibody was diluted at 1:100

## Contact information

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**HSP90 (Acetyl Lys292/284) Rabbit pAb**

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