

HSP90 (Acetyl Lys435) Rabbit pAb

CatalogNo: YK0030

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 85kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:20000

Not yet tested in other applications.

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.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized acetyl-peptide derived from the human HSP 90 around the acetylation site of K435.

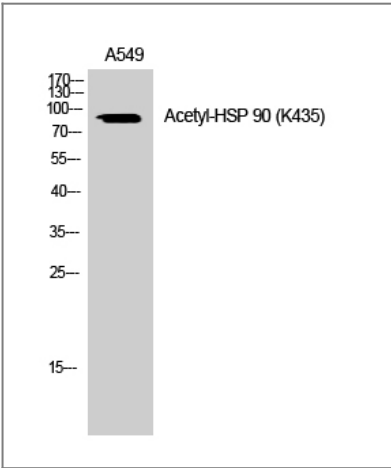
Specificity

Acetyl-HSP 90 (K435) Polyclonal Antibody detects endogenous levels of HSP 90 protein only when acetylated at K435. 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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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): NYkKF

Target Information

| | | | |
|-----------------------|---|--------------------------|--------------------------|
| Gene name | HSP90AA1 | | |
| Protein Name | Heat shock protein HSP 90-alpha | | |
| | Organism | Gene ID | UniProt ID |
| | Human | 3320 ; | P07900 ; |
| | Mouse | 15519 ; | P07901 ; |
| | Rat | 299331 ; | P82995 ; |
| 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., | | |

Validation Data



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

Contact information

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**HSP90 (Acetyl
Lys435) Rabbit pAb**

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