

## HSP90 $\alpha$ (Phospho Thr5/7) Rabbit pAb

CatalogNo: YP1357

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### 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 1:1000-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho peptide around human HSP90 $\alpha$  (Thr5 and 7)

**Specificity** This antibody detects endogenous levels of HSP 90 only when acetylated at Thr5 or Thr7, and dually phosphorylated at two sites

### Target Information

**Gene name** HSP90AA1 HSP90A HSPC1 HSPCA

**Protein Name** HSP90 $\alpha$  (Thr5/7)

Organism	Gene ID	UniProt ID
Human	<a href="#">3320</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. ,

## | Validation Data

## | Contact information

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**HSP90  $\alpha$  (Phospho Thr5/7) Rabbit pAb**

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