

## HSP105 (Phospho Ser809) Rabbit pAb

CatalogNo: YP1791 **Orthogonal Validated** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 94kD (Calculated)

#### 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 1:500-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human HSP105 (Phospho-Ser809)

**Specificity** This antibody detects endogenous levels of HSP105 (Phospho-Ser809) at Human, Mouse, Rat. 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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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): IESPK

## Target Information

**Gene name** HSPH1 HSP105 HSP110 KIAA0201

**Protein Name** HSP105 (Phospho-Ser809)

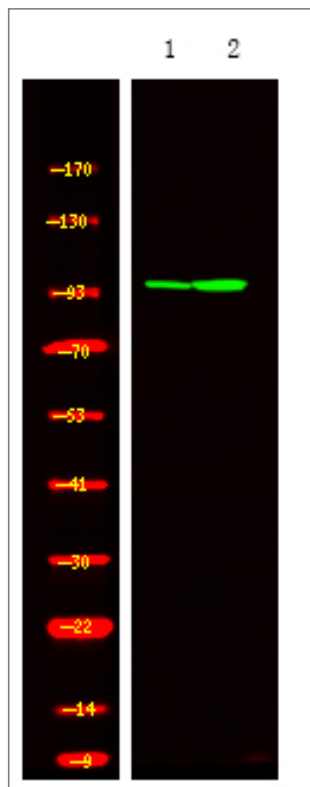
| Organism | Gene ID                 | UniProt ID              |
|----------|-------------------------|-------------------------|
| Human    | <a href="#">10808;</a>  | <a href="#">Q92598;</a> |
| Mouse    | <a href="#">15505;</a>  | <a href="#">Q61699;</a> |
| Rat      | <a href="#">288444;</a> | <a href="#">Q66HA8;</a> |

**Cellular Localization** Cytoplasm .

**Tissue specificity** Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells.

**Function** Function:Prevents the aggregation of denatured proteins in cells under severe stress, on which the ATP levels decrease markedly. Inhibits HSPA8/HSC70 ATPase and chaperone activities.,PTM:Phosphorylation on Ser-509 may be important for regulation of the HSPA8/HSC70 chaperone activity.,similarity:Belongs to the heat shock protein 70 family.,subunit:Interacts with HSPA8/HSC70.,tissue specificity:Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells.,

## Validation Data



Western Blot analysis of MCF7 cell, 2, LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

## Contact information

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**HSP105 (Phospho Ser809) Rabbit pAb**

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