

# [KO Validated] HSP105/HSPH1 Rabbit pAb

Catalog No.: A19914 **KO Validated** **1 Publications**

## Basic Information

### Observed MW

97kDa

### Calculated MW

97kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of the heat shock protein 70 family of proteins. The encoded protein functions as a nucleotide exchange factor for the molecular chaperone heat shock cognate 71 kDa protein (Hsc70). In addition, this protein plays a distinct but related role as a holdase that inhibits the aggregation of misfolded proteins, including the cystic fibrosis transmembrane conductance regulator (CFTR) protein. Elevated expression of this protein has been observed in numerous human cancers.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

10808

### Swiss Prot

Q92598

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 659-858 of human HSP105/HSP105/HSPH1 (NP\_006635.2).

### Synonyms

HSP105; HSP105A; HSP105B; NY-CO-25; H1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

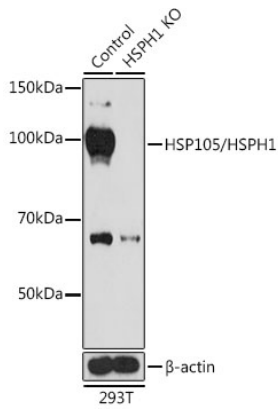
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of lysates from wild type (WT) and HSP105/HSP105/HSPH1 knockout (KO) 293T cells, using [KO Validated] HSP105/HSPH1 Rabbit pAb (A19914) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.