

# HGS Rabbit pAb

Catalog No.: A1790 **4 Publications**

## Basic Information

### Observed MW

110kDa

### Calculated MW

86kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC, IP

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene regulates endosomal sorting and plays a critical role in the recycling and degradation of membrane receptors. The encoded protein sorts monoubiquitinated membrane proteins into the multivesicular body, targeting these proteins for lysosome-dependent degradation.

## Recommended Dilutions

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

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

## Immunogen Information

### Gene ID

9146

### Swiss Prot

O14964

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 548-777 of human HGS (NP\_004703.1).

### Synonyms

HRS; HGS

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

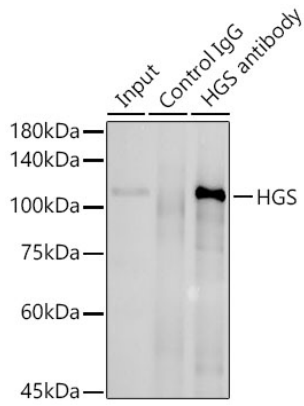
Affinity purification

### Storage

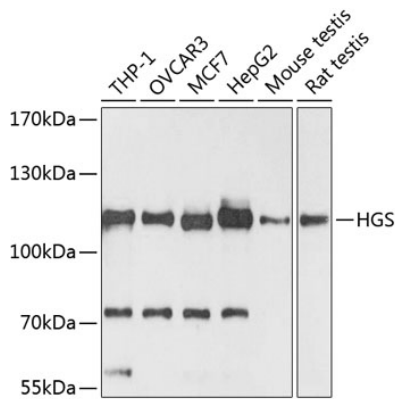
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

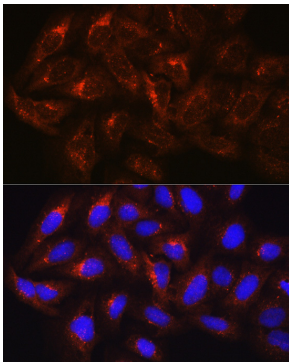
## Validation Data



Immunoprecipitation analysis of 300 µg extracts of HepG2 cells using 3 µg HGS antibody (A1790). Western blot was performed from the immunoprecipitate using HGS antibody (A1790) at a dilution of 1:1000.



Western blot analysis of various lysates using HGS Rabbit pAb (A1790) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence analysis of U-2 OS cells using HGS Rabbit pAb (A1790) at dilution of 100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.