

## **Product datasheet for TA377012S**

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## **HGS Rabbit Polyclonal Antibody**

**Product data:** 

Product Type: Primary Antibodies

Applications: ELISA, ICC/IF, IP, WB

Recommended Dilution: WB,1:500 - 1:2000

IF/ICC,1:50 - 1:200

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

ELISA,Recommended starting concentration is 1 μg/mL. Please optimize the concentration

based on your specific assay requirements.

**Reactivity:** Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

Conjugation: Unconjugated

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

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 86kDa

**Gene Name:** hepatocyte growth factor-regulated tyrosine kinase substrate

Database Link: Entrez Gene 9146 Human

<u>014964</u>

**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

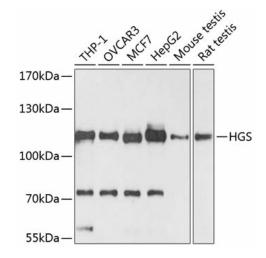
for lysosome-dependent degradation.

**Synonyms:** Hrs; Vps27; ZFYVE8

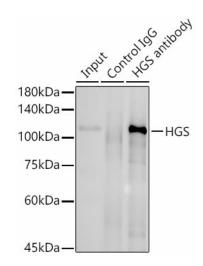




## **Product images:**

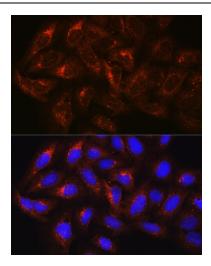


Western blot analysis of various lysates using HGS Rabbit pAb ([TA377012]) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunoprecipitation analysis of 300  $\mu$ g extracts of HepG2 cells using 3  $\mu$ g HGS antibody ([TA377012]). Western blot was performed from the immunoprecipitate using HGS antibody ([TA377012]) at a dilution of 1:1000.





Immunofluorescence analysis of U-2 OS cells using HGS Rabbit pAb ([TA377012]) at dilution of 100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.