

Anti-HGS antibody (548-777) (STJ28094)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

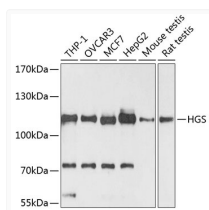
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 86kDa Observed Mw: 110kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

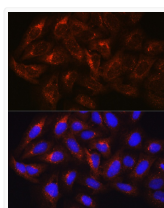
Gene ID	9146
Gene Symbol	HGS
UniProt ID	HGS_HUMAN
Immunogen Region	548-777
Immunogen Sequence	EQKQKTVQMRAQMPAFPLPY AQLQAMPAAGGVLYQPSGPA SFPSTFSPAGSVEGSPMHGV YMSQPAPAAGPYSPMPSTAA DPSMVSAYMYPAGATGAQAA PQAQAGPTASPAYSSYQPTP TAGYQNVASQAPQSLPAISQ PPQSSTMGYMGSSQSVSMGYQ PYNMQNLMTTLPSQDASLPP QQPYIAGQQPMYQQMAPSGG PPQQQPPVAQQPQAQGPPAQ GSEAQLISFD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 548-777 of human HGS (NP_004703.1).

ADDITIONAL INFORMATION

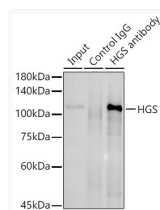
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using HGS antibody (STJ28094) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunofluorescence analysis of U-2 OS cells using HGS rabbit polyclonal antibody (STJ28094) at dilution of 100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 Mu g extracts of HepG2 cells using 3 Mu g HGS antibody (STJ28094). Western blot was performed from the immunoprecipitate using HGS antibody (STJ28094) at a dilution of 1:1000.