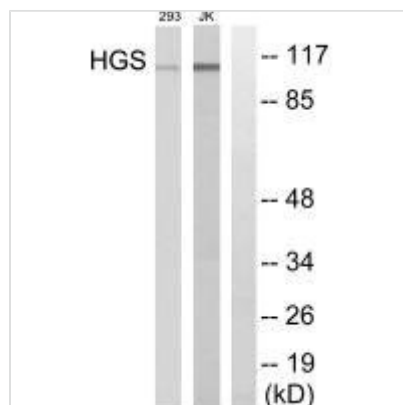


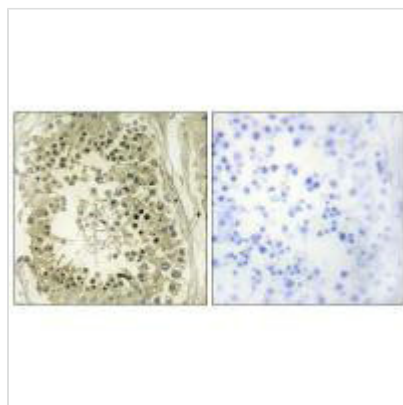


HGS Antibody

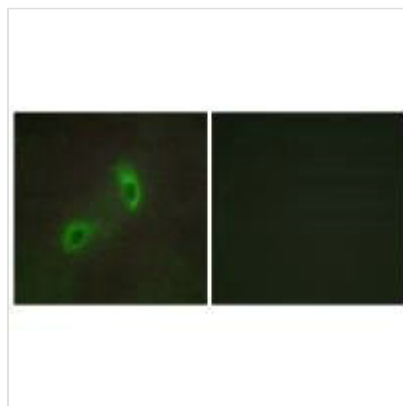
Product Code	CSB-PA105291
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O14964
Immunogen	Synthesized peptide derived from internal of Human HGS.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total HGS protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:3000,IHC:1:50-1:100,IF:1:100-1:500
Relevance	Involved in intracellular signal transduction mediated by cytokines and growth factors. When associated with STAM, it suppresses DNA signaling upon stimulation by IL-2 and GM-CSF. Could be a direct effector of PI3-kinase in vesicular pathway via early endosomes and may regulate trafficking to early and late endosomes by recruiting clathrin. May concentrate ubiquitinated receptors within clathrin-coated regions. Involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs) when complexed with STAM (ESCRT-0 complex). The ESCRT-0 complex binds ubiquitin and acts as sorting machinery that recognizes ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking processes. May contribute to the efficient recruitment of SMADs to the activin receptor complex. Involved in receptor recycling via its association with the CART complex, a multiprotein complex required for efficient transferrin receptor recycling but not for EGFR degradation. Asao H., J. Biol. Chem. 272:32785-32791(1997). Lu L., Gene 213:125-132(1998). Scoles D.R., Hum. Mol. Genet. 9:1567-1574(2000).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	HGS; Hepatocyte growth factor-regulated tyrosine kinase substrate; IMOS-1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	HGS
Image	



Western blot analysis of extracts from 293 cells and JK cells, using HGS antibody.



Immunohistochemistry analysis of paraffin-embedded human testis tissue using HGS antibody.



Immunofluorescence analysis of HUVEC cells, using HGS antibody.