

HGS antibody

Product Information

Catalog No.:	FNab03853
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

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.

Immunogen information

Immunogen:	hepatocyte growth factor-regulated tyrosine kinase substrate
Synonyms:	Hepatocyte growth factor-regulated tyrosine kinase substrate Hrs Protein pp110 HGS HRS
Observed MW:	110-115 kDa
Uniprot ID :	O14964

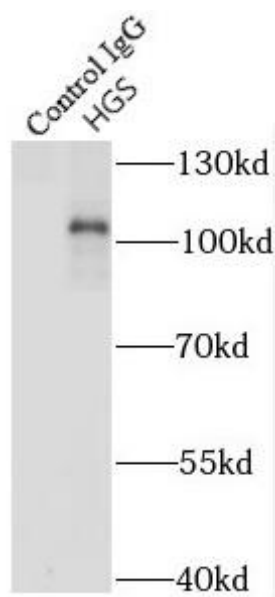
Application

Reactivity: Human, Mouse

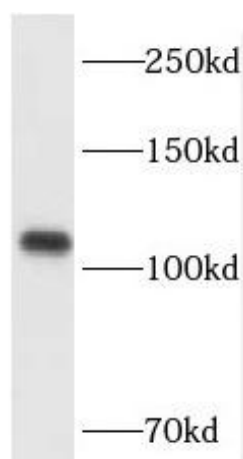
Tested Application: ELISA, WB, IP, IF

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IF: 1:20-1:200

Image:



IP Result of anti-HGS (IP:FNab03853, 5ug;
Detection:FNab03853 1:1000) with mouse brain
tissue lysate 3000ug.



HeLa cells were subjected to SDS PAGE followed
by western blot with FNab03853(HGS antibody) at
dilution of 1:800