

Datasheet for ABIN6241891

anti-HGS antibody

3 Images

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Overview

Quantity:	100 µL
Target:	HGS
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HGS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic Peptide
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Target Details

Target:	HGS
Alternative Name:	HGS (HGS Products)
Background:	<p>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</p>

Target Details

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.

UniProt:	O14964
Pathways:	EGFR Signaling Pathway , CXCR4-mediated Signaling Events , Synaptic Vesicle Exocytosis , EGFR Downregulation

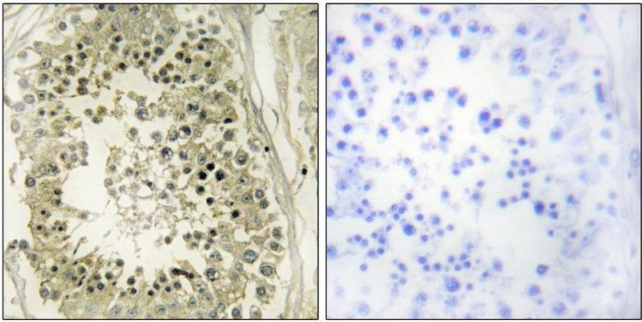
Application Details

Application Notes:	IF: 1:100. WB: 1:1000. IHC: 1:50-1:100
Restrictions:	For Research Use only

Handling

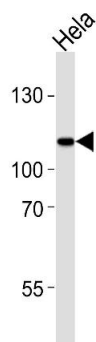
Format:	Liquid
Storage:	4 °C,-20 °C

Images



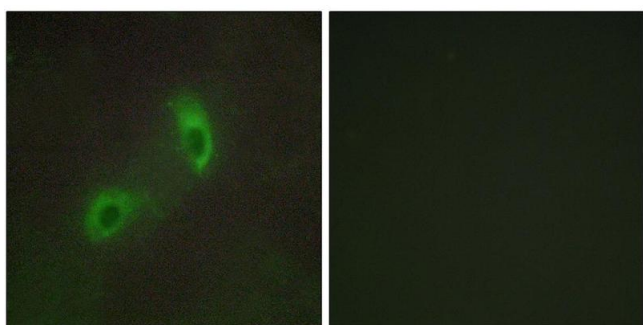
Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human testis tissue using HGS antibody.



Western Blotting

Image 2. Western blot analysis of lysate from HeLa cell line, using HGS Antibody (ABIN484110 and ABIN1533491). ABIN484110 and ABIN1533491 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.



Immunofluorescence

Image 3. Immunofluorescence analysis of HUVEC cells, using HGS antibody.