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# anti-HGS antibody (Center)

3 Images



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Overview

Alternative Name:

Quantity:	100 μL
Target:	HGS
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HGS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),
	Immunochromatography (IC)
Product Details	
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human
	HGS.
Specificity:	Recognizes endogenous levels of HGS protein.
Characteristics:	Rabbit polyclonal antibody to HGS
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
Target:	HGS

**HGS (HGS Products)** 

## **Target Details**

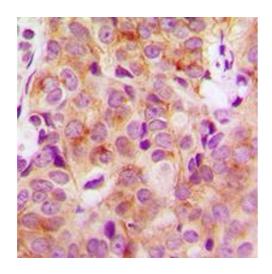
Background:	HRS, Hepatocyte growth factor-regulated tyrosine kinase substrate, Hrs, Protein pp110
Gene ID:	9146, 15239, 56084
UniProt:	O14964, Q99LI8, Q9JJ50
Pathways:	EGFR Signaling Pathway, CXCR4-mediated Signaling Events, Synaptic Vesicle Exocytosis, EGFR Downregulation

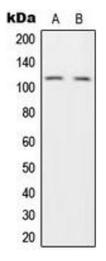
## Application Details

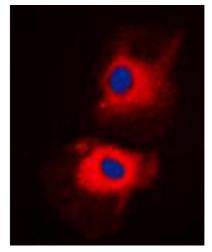
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months







#### **Immunohistochemistry**

Image 1. Immunohistochemical analysis of HGS staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

#### **Western Blotting**

**Image 2.** Western blot analysis of HGS expression in H1299 (A), HeLa (B) whole cell lysates.

### Immunofluorescence

Image 3. Immunofluorescent analysis of HGS staining in H1299 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).