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Datasheet for ABIN2855140
anti-HGS antibody (C-Term)

6 Images

Overview

Quantity:	100 µL
Target:	HGS
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HGS antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human HGS. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to HGS (hepatocyte growth factor-regulated tyrosine kinase substrate) HGS antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HGS
Alternative Name:	hepatocyte growth factor-regulated tyrosine kinase substrate (HGS Products)
Background:	<p>The protein encoded by this gene regulates endosomal sorting and plays a critical role in the recycling and degradation of membrane receptors. The encoded protein sorts monoubiquitinated membrane proteins into the multivesicular body, targeting these proteins for lysosome-dependent degradation.</p> <p>Cellular Localization: Cytoplasm , Early endosome membrane, Peripheral membrane protein, Cytoplasmic side , Endosome , multivesicular body membrane, Peripheral membrane protein</p>
Molecular Weight:	86 kDa
Gene ID:	9146
UniProt:	O14964
Pathways:	EGFR Signaling Pathway , CXCR4-mediated Signaling Events , Synaptic Vesicle Exocytosis , EGFR Downregulation

Application Details

Application Notes:	WB: 1:1000-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Validation: Orthogonal
Restrictions:	For Research Use only

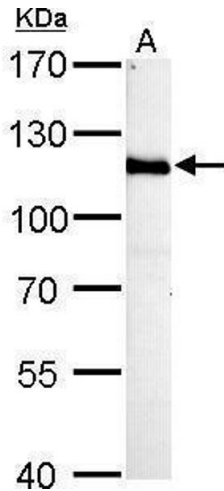
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

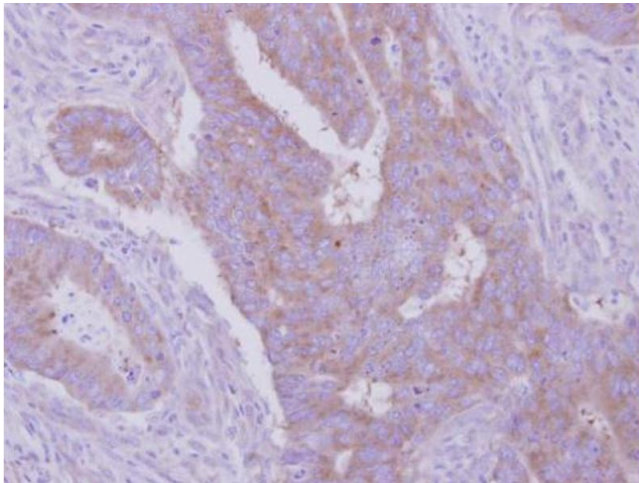
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104339 for Multiplex Immunohistochemistry (mIHC)



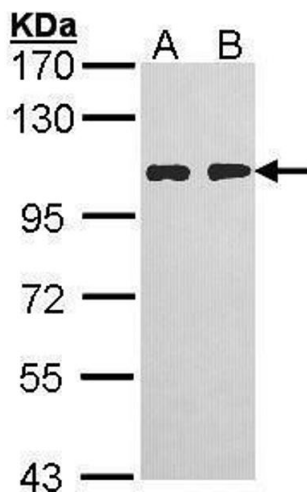
Western Blotting

Image 1. WB Image HGS antibody [C2C3], C-term detects HGS protein by Western blot analysis. A. 50 µg rat brain lysate/extract 7.5 % SDS-PAGE HGS antibody [C2C3], C-term, dilution: 1:1000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using HGS, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: H1299 B: HeLa 7.5% SDS PAGE antibody diluted at 1:10000

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2855140.