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Datasheet for ABIN736551
anti-HGF antibody (AA 201-300)

2 Images

6 Publications

Overview

Quantity:	100 µL
Target:	HGF
Binding Specificity:	AA 201-300
Reactivity:	Human, Rat, Mouse, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HGF antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HGF alpha
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat, Sheep
Predicted Reactivity:	Dog,Cow,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	HGF
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Target Details

Alternative Name:	HGF (HGF Products)
Background:	Synonyms: SF, HGFB, HPTA, F-TCF, DFNB39, Hepatocyte growth factor, Hepatopoietin-A, Scatter factor, HGF Background: Potent mitogen for mature parenchymal hepatocyte cells, seems to be a hepatotrophic factor, and acts as a growth factor for a broad spectrum of tissues and cell types. Activating ligand for the receptor tyrosine kinase MET by binding to it and promoting its dimerization.
Gene ID:	3082
UniProt:	P14210
Pathways:	RTK Signaling , Carbohydrate Homeostasis , Glycosaminoglycan Metabolic Process , Synaptic Membrane , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months

Publications

Product cited in: Zhi, Li, Lv, Feng, Yang, Xue, Zhao, Zhang, Wu, Jv, Jia: "Effects of PHA-665752 and vemurafenib combination treatment on in vitro and murine xenograft growth of human colorectal cancer cells with BRAFV600E mutations." in: **Oncology letters**, Vol. 15, Issue 3, pp. 3904-3910, (2018) ([PubMed](#)).

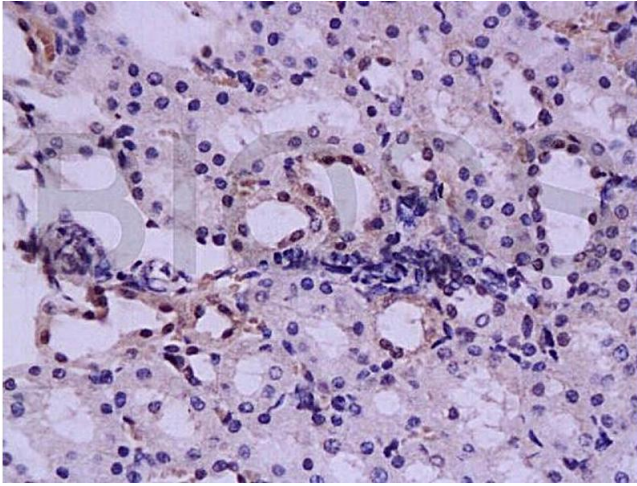
Zhao, Feng, Zhang, Kou, Li, Liu, Zhang, Cui, Chu, Shen, Min: "Inhibition of peripubertal sheep mammary gland development by cysteamine through reducing progesterone and growth factor production." in: **Theriogenology**, Vol. 89, pp. 280-288, (2017) ([PubMed](#)).

Wu, Guo, Su, Wu, Li: "Biocharacterization of Heat Shock Protein 90 in Acetaminophen-Treated Livers Without Conspicuous Drug Induced Liver Injury." in: **Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology**, Vol. 43, Issue 4, pp. 1562-1570, (2017) ([PubMed](#)).

Yu, He, Jiang, He, Fan, Wang, Geng, Dong: "Expression and tissue distribution of hepatocyte growth factor (HGF) and its receptor (c-Met) in alpacas (Vicugna pacos) skins associated with white and brown coat colors." in: **Acta histochemica**, (2015) ([PubMed](#)).

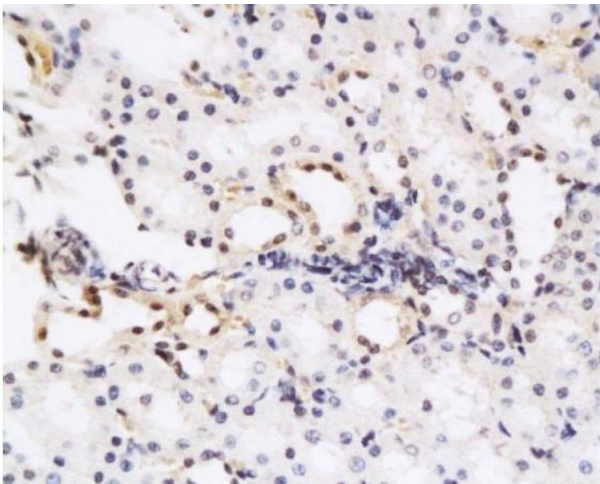
Li, Zhang, Zhao, Shi, Yao, Zhang, Guo, Liu: "Overexpression of MACC1 and the association with hepatocyte growth factor/c-Met in epithelial ovarian cancer." in: **Oncology letters**, Vol. 9, Issue 5, pp. 1989-1996, (2015) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat kidney tissue labeled with Anti-HGF Polyclonal Antibody, Unconjugated (ABIN736551) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded rat kidney tissue labeled with Anti-HGF Polyclonal Antibody, Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining