

Product Datasheet

HGF Rabbit Polyclonal Antibody (orb579132)

Description	Rabbit polyclonal antibody to IL6
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IHC, WB
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HGF
Target	HGF
Preservatives	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Form/Appearance	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Protein Sequence	Synthetic peptide located within the following region: VKKEFGHEFDLYENKDYIRNCIIGKGRSYKGTVSITKSGIKCQPWSSMIP
Clonality	Polyclonal
MW	83 kDa
Uniprot ID	P14210

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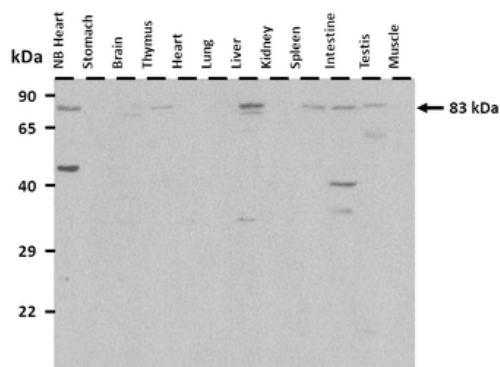
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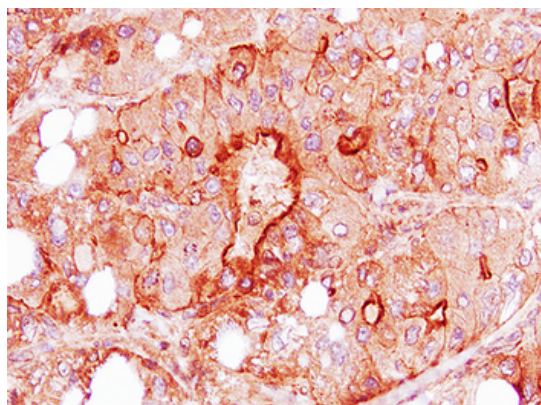
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NCBI**NP_001010932****Expiration Date**

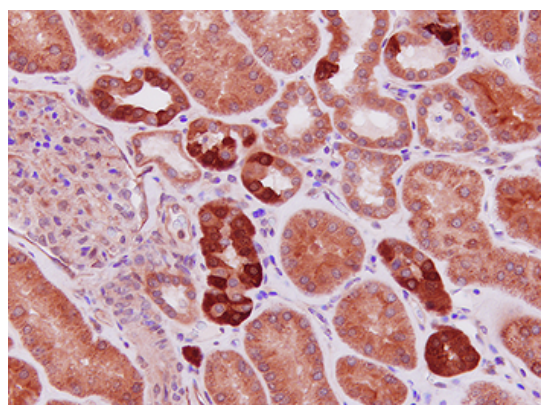
12 months from date of receipt.



25 ug of the indicated Mouse whole cell extracts was loaded onto a 12% SDS-PAGE gel. 0.5 ug/ml of the antibody was used in this experiment. Protein is processed to yield 51 kDa alpha chain.



Formalin Fixed Paraffin Embedded Tissue: human liver cancer, Primary antibody concentration: 7 ug/ml, Incubation with primary antibodies: overnight at 4°C, Detections: Avidin-Biotin-HRP with NovaRed (Vector Labs) substrate. Counterstain: Hematoxylin.



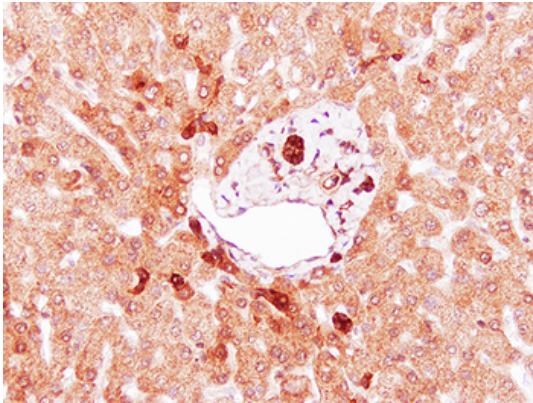
Formalin Fixed Paraffin Embedded Tissue: normal human kidney, Primary antibody concentration: 7 ug/ml, Incubation with primary antibodies: overnight at 4°C, Detections: Avidin-Biotin-HRP with NovaRed (Vector Labs) substrate. Counterstain: Hematoxylin.

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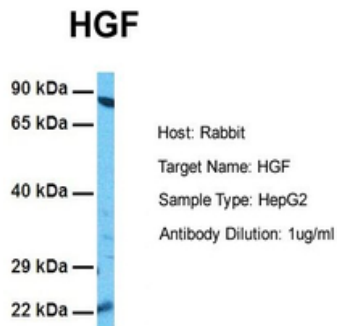
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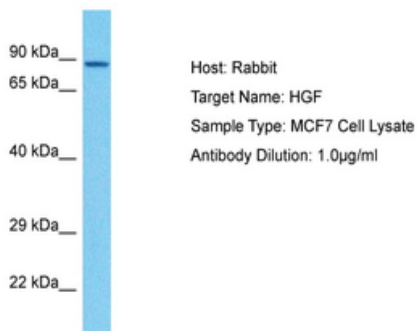
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Formalin Fixed Paraffin Embedded Tissue: normal human liver, Primary antibody concentration: 7 ug/ml, Incubation with primary antibodies: overnight at 4°C, Detections: Avidin-Biotin-HRP with NovaRed (Vector Labs) substrate. Counterstain: Hematoxylin.



Sample Tissue: Human HepG2, Antibody Dilution: 1.0 ug/ml.



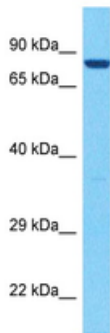
Sample Tissue: Human MCF7 Whole Cell, Antibody Dilution: 1 ug/ml.

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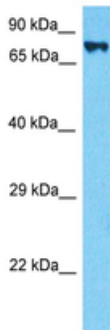
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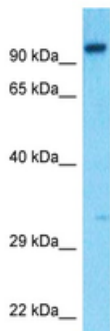
Host: Rabbit
Target Name: HGF
Sample Type: OVCAR-3 Cell Lysate
Antibody Dilution: 1.0µg/ml

Sample Tissue: Human OVCAR-3 Whole Cell, Antibody Dilution: 3 ug/ml.



Host: Rabbit
Target Name: HGF
Sample Tissue: 293T Cell Lysate
Antibody Dilution: 0.2µg/ml

Sample Type: 293T Whole Cell lysates, Antibody Dilution: 0.2 ug/ml.



Host: Rabbit
Target Name: HGF
Sample Tissue: 293T Cell Lysate
Antibody Dilution: 0.2µg/ml

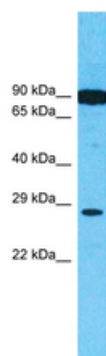
Sample Type: 293T Whole Cell lysates, Antibody Dilution: 0.2 ug/ml.

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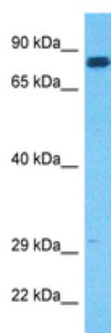
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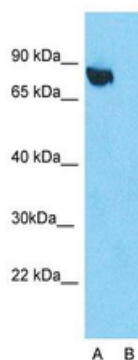


Sample Type: 721_B Cell lysates, Antibody Dilution: 1.0 ug/ml.



Host: Rabbit
Target Name: HGF
Sample Tissue: 721_B Cell Lysate
Antibody Dilution: 0.5µg/ml

Sample Type: 721_B Whole Cell lysates, Antibody Dilution: 0.5 ug/ml.



Anti-HGF Western Blot & Peptide Block Validation

Lysate: HepG2 Cell

Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 1.0µg/ml
Peptide Concentration: 5.0µg/ml
Lysate Quantity: 25µg/lane
Gel Concentration: 12%

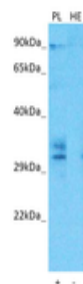
Sample Type: Human HepG2 cell, Lane A: Primary Antibody, Lane B: Primary Antibody + Blocking Peptide, Primary Antibody Concentration: 1 ug/ml, Peptide Concentration: 5.0 ug/ml, Lysate Quantity: 25 ug/lane/lane, Gel Concentration: 12%.

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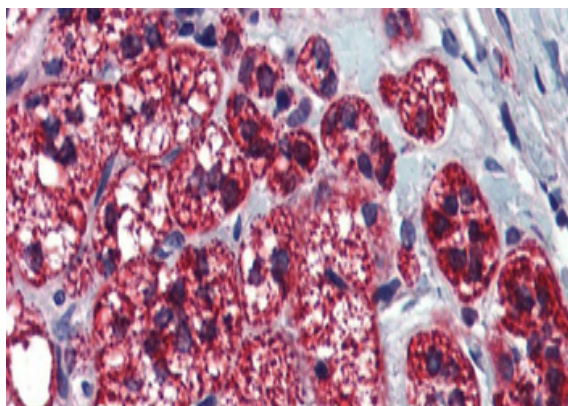
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Host: Rabbit
Target name: HGF
Negative control: ~25ug Human Fetal Heart (HE)
Positive control: ~25ug Human Placenta (PL)
Antibody concentration: 2ug/ml

Positive control (+): Human Placenta (PL), Negative control (-): Human heart (HE), Antibody concentration: 1 ug/ml.



Immunohistochemistry with Human Adrenal Gland lysate tissue at an antibody concentration of 5.0 ug/ml using anti-HGF antibody (orb579132).



WB Suggested Anti-HGF Antibody Titration: 0.2-1 ug/ml, ELISA Titer: 1:312500, Positive Control: 293T cell lysate. There is BioGPS gene expression data showing that HGF is expressed in HEK293T.

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