

Product Datasheet

HGF Rabbit Polyclonal Antibody (orb579132)

Catalog Number	orb579132
Category	Antibodies
Description	Rabbit polyclonal antibody to IL6
Target	HGF
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Bovine, Canine, Equine, Guinea pig, Mouse, Porcine, Rabbit, Rat, Sheep
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
Buffer/Preservatives	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification	Affinity Purified
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HGF
Protein Sequence	Synthetic peptide located within the following region: VKKEFGHEFDLYENKDYIRNCIIGKGRSYKGTVSITKSGIKCQPWSSMIP
UniProt ID	P14210

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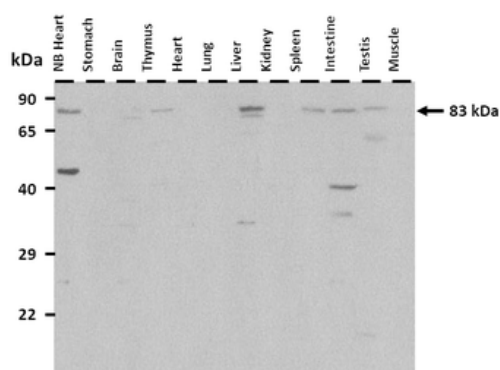
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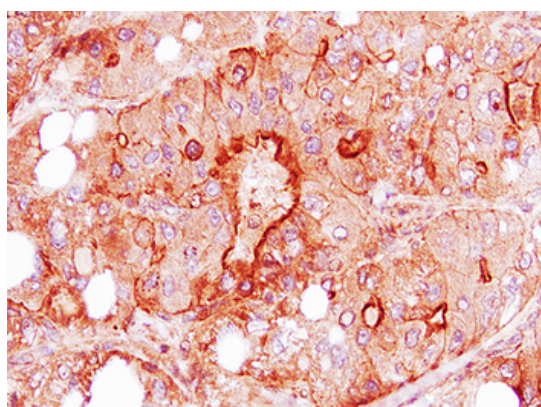
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MW	83 kDa
Tested applications	IHC, WB
Specificity	100% homologous to all 6 isoforms; 1 (83kDa), 2 (34kDa), 3 (83kDa), 4 (35kDa), 5 (33kDa), 6 (24kDa)
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
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.

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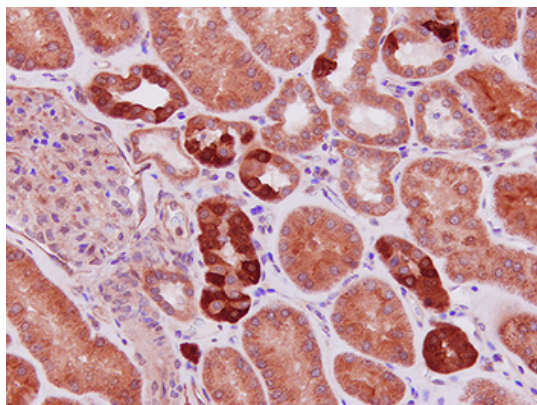
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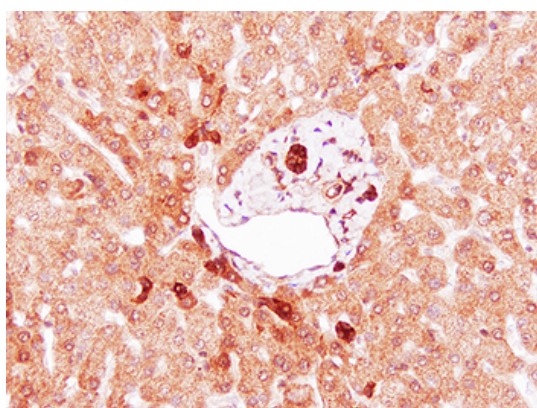
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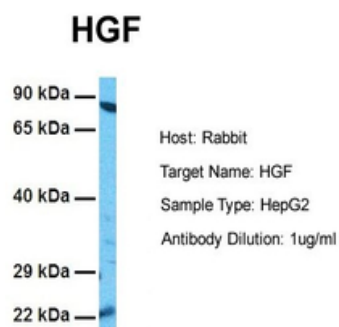
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Formalin Fixed Paraffin Embedded Tissue: normal human kidney, Primary antibody concentration: 7 ug/ml, Incubation with primary antibodies: overnight at 4°C, Detections: Avidin-Biotin-HRP with NovaRed (Vector Labs) substrate. Counterstain: Hematoxylin.



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.

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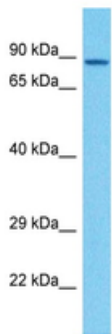
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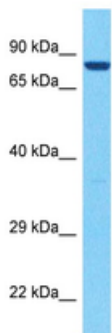
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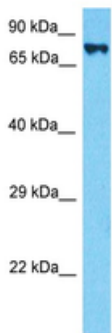
Host: Rabbit
Target Name: HGF
Sample Type: MCF7 Cell Lysate
Antibody Dilution: 1.0µg/ml

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



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.

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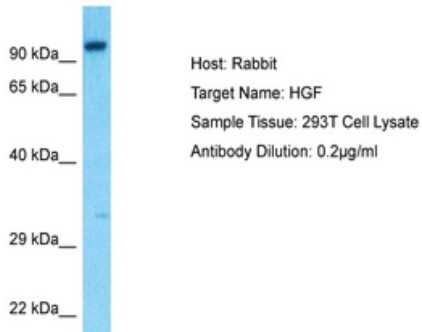
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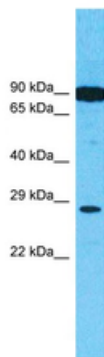
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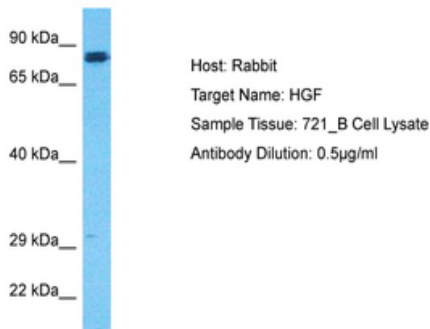
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Sample Type: 293T Whole Cell lysates, Antibody Dilution: 0.2 ug/ml.



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



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

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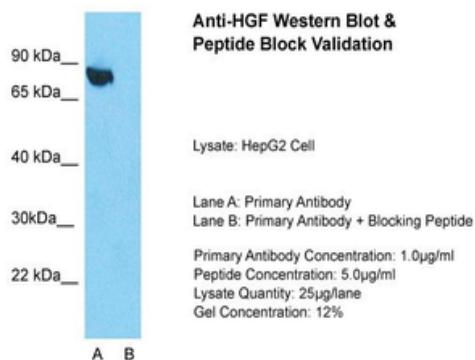
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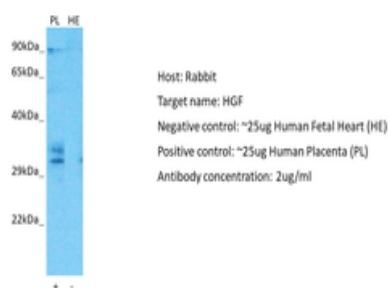
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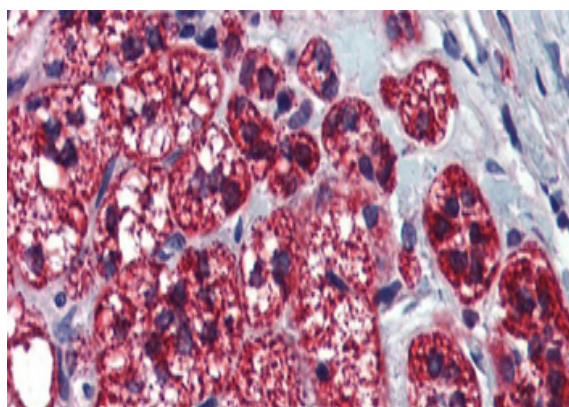
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Sample Type: Human HepG2 cell, Lane A: Primary Antibody, Lane B: Primary Antibody + Blocking Peptide, Primary Antibody Concentration: 1 µg/ml, Peptide Concentration: 5.0 µg/ml, Lysate Quantity: 25 µg/lane/lane, Gel Concentration: 12%.



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



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

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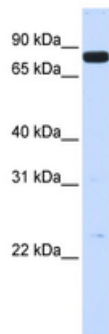
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WB Suggested Anti-HGF Antibody Titration: 0.2-1 ug/ml, ELISA Titer: 1:312500, Positive Control: 293T cell lysate. There is BioGPS gene expression data showing that HGF is expressed in HEK293T.

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