

Rabbit HDGF Polyclonal Antibody | anti-HDGF antibody

Anti-HDGF Antibody

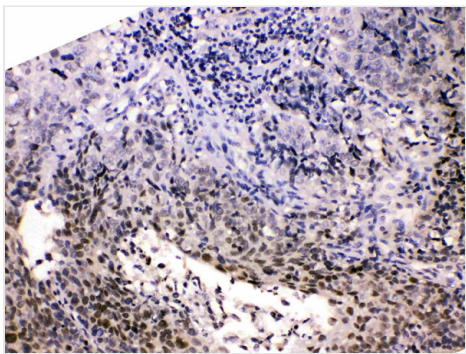
CATALOG # AAA46726	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

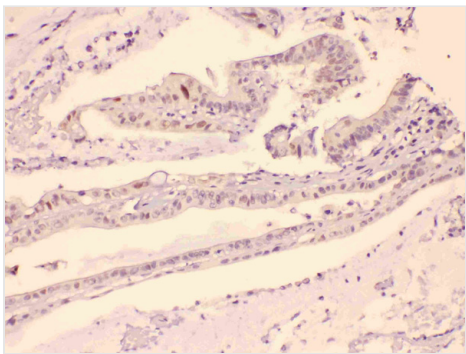
HDGF; Polyclonal Antibody; Anti-HDGF Antibody; HMG-1L2; HMG1L2; P51858; Hepatoma-derived growth factor; anti-HDGF antibody

PRODUCT SPECIFICATIONS

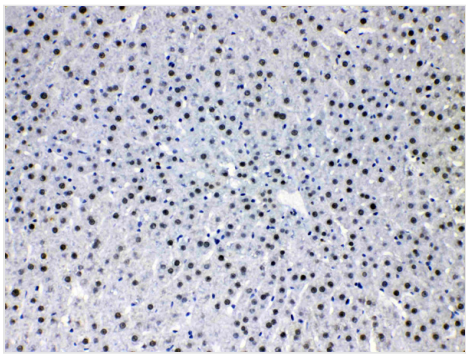
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	256
Applicable Applications for anti-HDGF antibody	IHC (Immunohistochemistry), WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human HDGF (61-97aa KDLFPYEEESKEKFGKPNKRKGFSEGLWEIENNPTVKA), identical to the related mouse and rat sequences.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



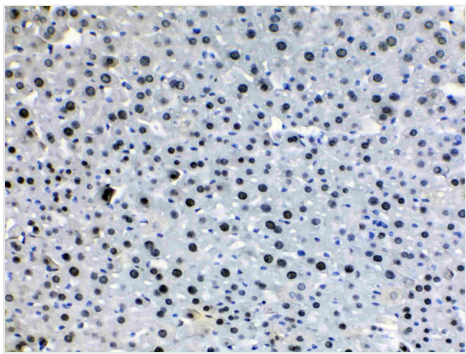
IHC (Immunohistochemistry)
HDGF was detected in paraffin-embedded sections of human lung cancer tissues using rabbit anti- HDGF Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



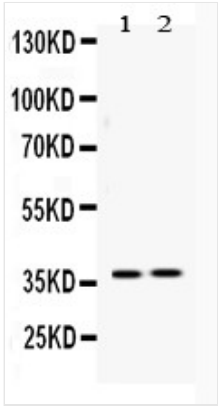
IHC (Immunohistochemistry)
HDGF was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- HDGF Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
HDGF was detected in paraffin-embedded sections of rat liver tissues using rabbit anti- HDGF Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
HDGF was detected in paraffin-embedded sections of mouse liver tissues using rabbit anti- HDGF Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of HDGF expression in rat liver extract (lane 1) and 22RV1 whole cell lysates (lane 2). HDGF at 37KD was detected using rabbit anti- HDGF Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-HDGF antibody	Rabbit IgG polyclonal antibody for Hepatoma-derived growth factor(HDGF) detection. Background: Hepatoma-derived growth factor (HDGF), also known as high mobility group protein 1-like 2 (HMG-1L2), is a protein that in humans is encoded by the HDGF gene. This gene encodes a member of the hepatoma-derived growth factor family. The encoded protein has mitogenic and DNA-binding activity and may play a role in cellular proliferation and differentiation. High levels of expression of this gene enhance the growth of many tumors. And this gene was thought initially to be located on chromosome X; however, that location has been determined to correspond to a related pseudogene. Alternatively spliced transcript variants encoding distinct isoforms have been described.
References	1. "Entrez Gene: HDGF hepatoma-derived growth factor (high-mobility group protein 1-like)". 2. Everett AD, Bushweller J (2003). "Hepatoma derived growth factor is a nuclear targeted mitogen.". Current drug targets. 4 (5): 367-71. 3. Wanschura S, Schoenmakers EF, Huysmans C, Bartnitzke S, Van de Ven WJ, Bullerdiek J (May 1997). "Mapping of the gene encoding the human hepatoma-derived growth factor (HDGF) with homology to the high-mobility group (HMG)-1 protein to Xq25". Genomics. 32 (2): 298-300.

NCBI AND UNIPROT INFORMATION

NCBI GI #	186928819
NCBI GeneID	3068
NCBI Accession #	NP_001119522.1
NCBI GenBank Nucleotide #	NM_001126050.1
UniProt Accession #	P51858; Q5SZ07; Q5SZ08; Q5SZ09; B3KU21; D3DVC9
Molecular Weight	28,264 Da
NCBI Official Full Name	hepatoma-derived growth factor isoform b
NCBI Official Synonym Full Names	hepatoma derived growth factor
NCBI Official Symbol	HDGF
NCBI Official Synonym Symbols	HMG1L2
NCBI Protein Information	hepatoma-derived growth factor
UniProt Protein Name	Hepatoma-derived growth factor
UniProt Gene Name	HDGF
UniProt Synonym Gene Names	HMG1L2; HDGF; HMG-1L2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.