

Anti-HDGF Picoband Antibody
Catalog # ABO10143**Specification**

Anti-HDGF Picoband Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P51858
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Hepatoma-derived growth factor(HDGF) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-HDGF Picoband Antibody - Additional Information

Gene ID 3068

Other Names

Hepatoma-derived growth factor, HDGF, High mobility group protein 1-like 2, HMG-1L2, HDGF, HMG1L2

Calculated MW

26788 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Mouse, Rat, By Heat
Western blot, 0.1-0.5 µg/ml, Human, Rat

Subcellular Localization

Cytoplasm. Nucleus.

Tissue Specificity

Ubiquitous.

Protein Name

Hepatoma-derived growth factor

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Na₃.

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human HDGF (61-97aa KDLFPYEESEKEKFGKPNKRKGFSEGLWEIENNPTVKA), identical to the related mouse and rat sequences.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-HDGF Picoband Antibody - Protein Information

Name HDGF

Synonyms HMG1L2

Function

[Isoform 1]: Acts as a transcriptional repressor (PubMed:17974029). Has mitogenic activity for fibroblasts (PubMed:11751870, PubMed:26845719). Heparin-binding protein (PubMed:15491618).

Cellular Location

[Isoform 1]: Nucleus. Cytoplasm. Secreted, extracellular exosome. Note=Secreted by exosomes and is located inside the exosome (PubMed:27926477). May also be secreted as free protein via an as yet unknown pathway (PubMed:27926477) [Isoform 3]: Nucleus. Cytoplasm Secreted, extracellular exosome Note=Secreted by exosomes and is located on the outer exosome surface

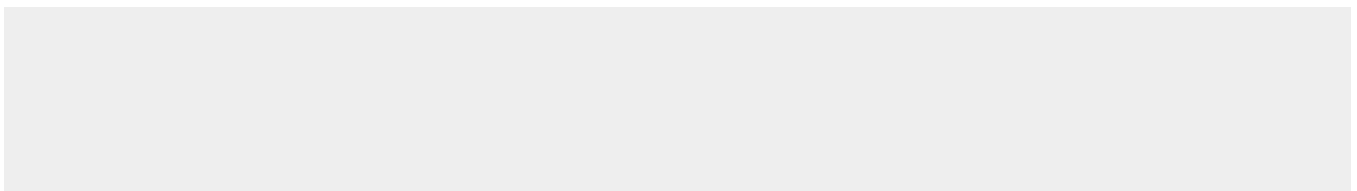
Tissue Location

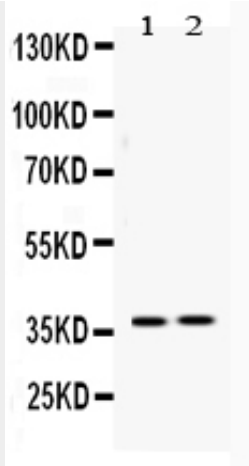
Ubiquitous..

Anti-HDGF Picoband Antibody - Protocols

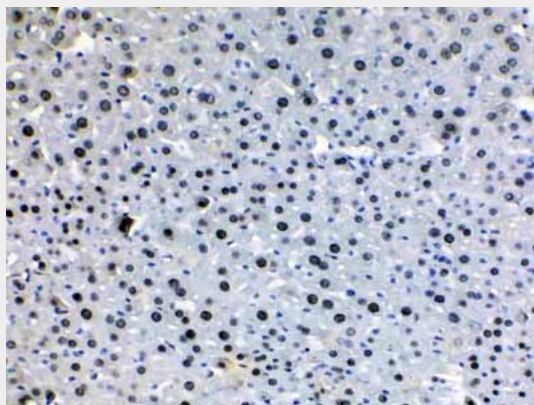
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

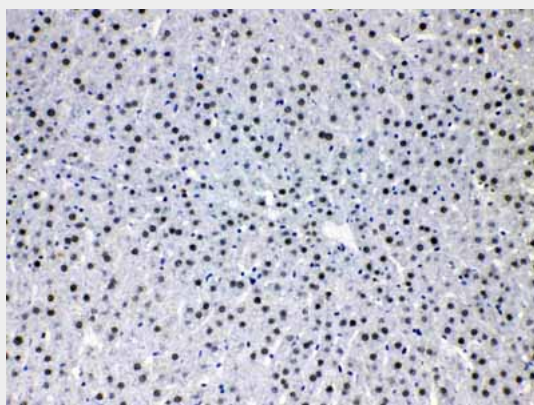
Anti-HDGF Picoband Antibody - Images



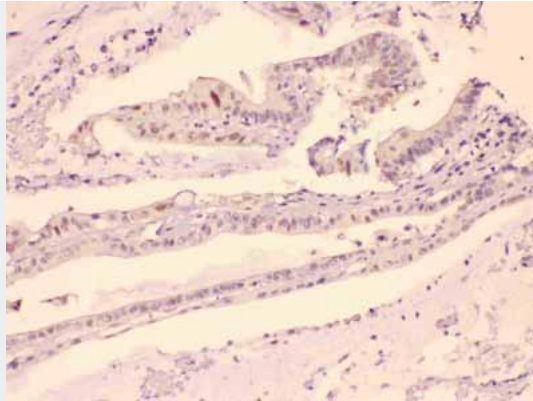
Western blot analysis of HDGF expression in rat liver extract (lane 1) and 22RV1 whole cell lysates (lane 2). HDGF at 37KD was detected using rabbit anti- HDGF Antigen Affinity purified polyclonal antibody (Catalog # ABO10143) at 0.5 μ g/mL. The blot was developed using chemiluminescence (ECL) method .



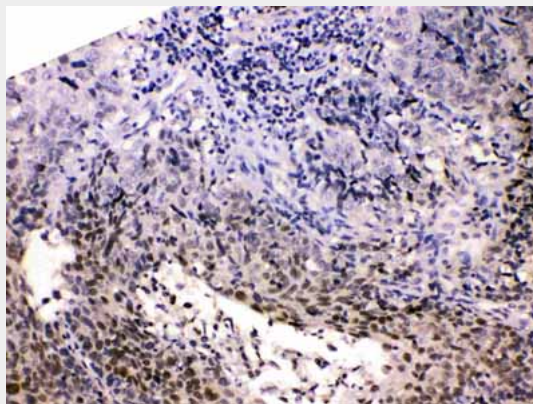
HDGF was detected in paraffin-embedded sections of mouse liver tissues using rabbit anti- HDGF Antigen Affinity purified polyclonal antibody (Catalog # ABO10143) at 1 μ g/mL. The immunohistochemical section was developed using SABC method .



HDGF was detected in paraffin-embedded sections of rat liver tissues using rabbit anti- HDGF Antigen Affinity purified polyclonal antibody (Catalog # ABO10143) at 1 μ g/mL. The immunohistochemical section was developed using SABC method .



HDGF was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- HDGF Antigen Affinity purified polyclonal antibody (Catalog # ABO10143) at 1 μ g/mL. The immunohistochemical section was developed using SABC method .



HDGF was detected in paraffin-embedded sections of human lung cancer tissues using rabbit anti- HDGF Antigen Affinity purified polyclonal antibody (Catalog # ABO10143) at 1 μ g/mL. The immunohistochemical section was developed using SABC method .

Anti-HDGF Picoband Antibody - 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.