



[Go to Product page](#)

Datasheet for ABIN5647572

## anti-HDGF antibody (AA 61-97)

### 4 Images

#### Overview

Quantity:	100 µg
Target:	HDGF
Binding Specificity:	AA 61-97
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HDGF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	Amino acids 61-97 (KDLFPYEEESKEKFGKPNKRKGFSEGLWEIENNPTVKA-human) were used as the immunogen for the HDGF antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

#### Target Details

Target:	HDGF
Alternative Name:	HDGF / Hepatoma Derived Growth Factor ( <a href="#">HDGF Products</a> )
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

## Target Details

---

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.

UniProt: [P51858](#)

Pathways: [ER-Nucleus Signaling](#)

## Application Details

---

Application Notes: Optimal dilution of the HDGF antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL, Immunohistochemistry (FFPE): 1-2 µg/mL

Restrictions: For Research Use only

## Handling

---

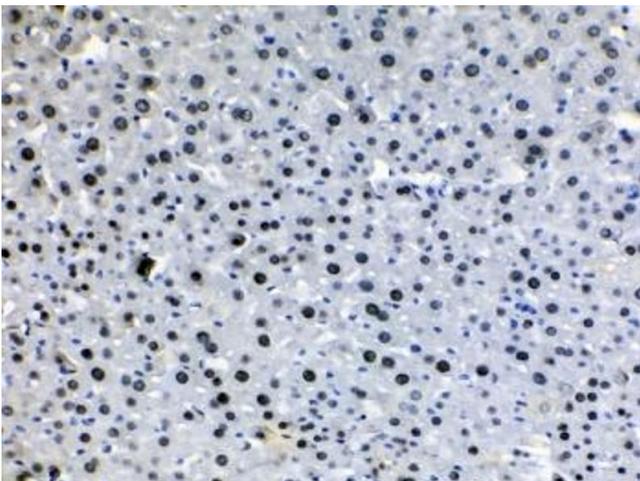
Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: After reconstitution, the HDGF antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

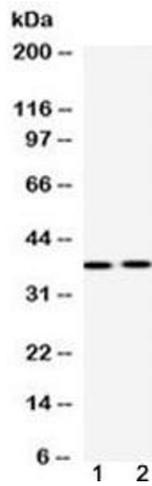
## Images

---



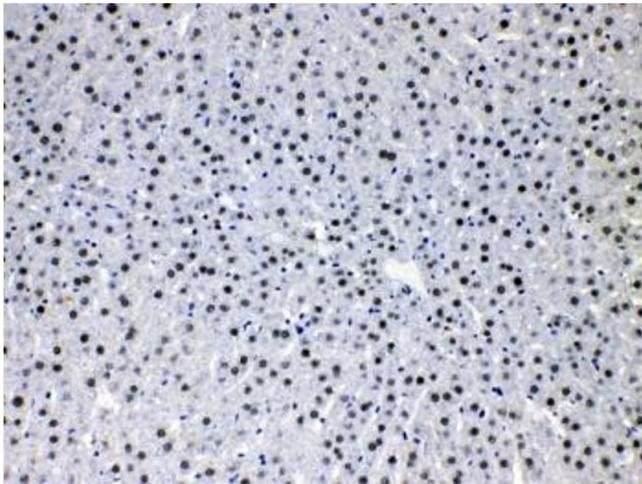
### Immunohistochemistry

**Image 1.** IHC testing of FFPE mouse liver tissue with HDGF antibody at 1µg/ml. HIER: steam section in pH6 citrate buffer for 20 min.



### Western Blotting

**Image 2.** Western blot testing of 1) rat liver and 2) human 22RV1 (prostate carcinoma) lysate with HDGF antibody at 0.5ug/ml. Predicted molecular weight ~26 kDa but routinely observed at ~38 kDa.



### Immunohistochemistry

**Image 3.** IHC testing of FFPE rat liver tissue with HDGF antibody at 1ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5647572.