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HDGF Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6375b

Specification

HDGF Antibody (C-term) - Product Information

Application	**IF, WB, IHC-P,E**
Primary Accession	P51858
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**26788**
Antigen Region	**171-197**

HDGF Antibody (C-term) - Additional Information

Gene ID 3068

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

Target/Specificity
This HDGF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 171-197 amino acids from the C-terminal region of human HDGF.

Dilution
IF~~1:10~50
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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.

Precautions
HDGF Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HDGF Antibody (C-term) - 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

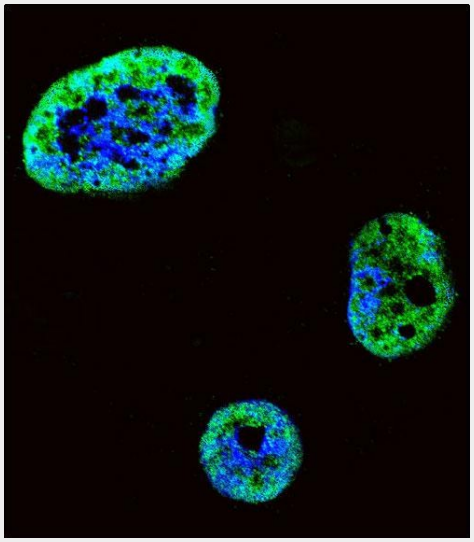
Tissue Location
Ubiquitous..

HDGF Antibody (C-term) - Protocols

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

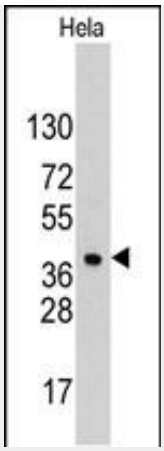
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HDGF Antibody (C-term) - Images

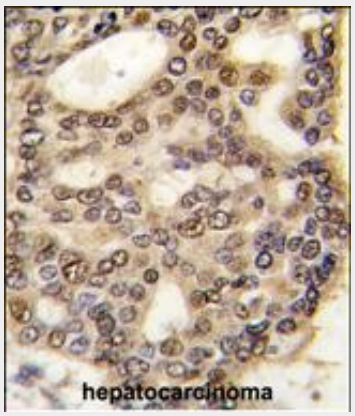


Confocal immunofluorescent analysis of HDGF Antibody (C-term)(Cat#AP6375b) with SK-BR-3 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).

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Western blot analysis of anti-HDGF Pab (Cat.#AP6375b) in Hela cell line lysates (35ug/lane). HDGF(arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with HDGF antibody (C-term) (Cat.#AP6375b), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

HDGF Antibody (C-term) - Background

HDGF is a member of the hepatoma-derived growth factor family. This protein has mitogenic and DNA-binding activity and may play a role in cellular proliferation and differentiation.

HDGF Antibody (C-term) - References

Thakar,K., FEBS J. 275 (7), 1411-1426 (2008)
Chang,K.C.,Int. J. Cancer 121 (5), 1059-1065 (2007)
Yamamoto,S., Ann. Surg. Oncol. 14 (7), 2141-2149 (2007)
Uyama,H., Clin. Cancer Res. 12 (20 PT 1), 6043-6048 (2006)