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## anti-HDGF antibody (C-Term)





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Overview		
Quantity:	400 μL	
Target:	HDGF	
Binding Specificity:	AA 171-197, C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This HDGF antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	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.	
Clone:	RB14546	
Isotype:	lg Fraction	
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.	
Target Details		
Target:	HDGF	
Alternative Name:	HDGF (HDGF Products)	

## **Target Details**

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.
Molecular Weight:	26788
Gene ID:	3068
NCBI Accession:	NP_001119522, NP_001119523, NP_004485
UniProt:	P51858
Pathways:	ER-Nucleus Signaling

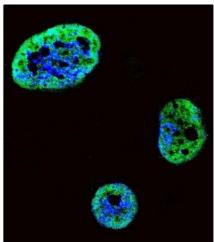
## **Application Details**

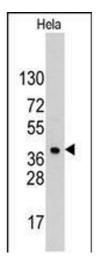
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months







#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with HDGF antibody (Cterm) (ABIN390356 and ABIN2840767), 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.

#### **Immunofluorescence**

**Image 2.** Confocal immunofluorescent analysis of HDGF Antibody (C-term) (ABIN390356 and ABIN2840767) with SK-BR-3 cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green).DI was used to stain the cell nuclear (blue).

#### **Western Blotting**

**Image 3.** Western blot analysis of anti-HDGF Pab (ABIN390356 and ABIN2840767) in Hela cell line lysates (35  $\mu$ g/lane). HDGF(arrow) was detected using the purified Pab.