



Rabbit Anti-HDGF antibody

SL10956R

Product Name:	HDGF
Chinese Name:	肝癌衍生生长因子/高迁移率族蛋白1样蛋白2抗体
Alias:	HDGF; HDGF_HUMAN; Hepatoma derived growth factor; Hepatoma-derived growth factor; High mobility group protein 1 like 2; High mobility group protein 1-like 2; HMG-1L2; HMG1L2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Guinea Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	27kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HDGF:81-180/240
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. 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. [provided by RefSeq, Jul 2008]

Function:

Heparin-binding protein, with mitogenic activity for fibroblasts. Acts as a transcriptional repressor.

Subunit:

Monomer, and domain-swapped homodimer.

Subcellular Location:

Cytoplasm. Nucleus.

Tissue Specificity:

Ubiquitous.

Post-translational modifications:

Sumoylated by SUMO1. Sumoylation prevents binding to chromatin.

Similarity:

Belongs to the HDGF family.
Contains 1 PWWP domain.

SWISS:

P51858

Gene ID:

3068

Database links:

[Entrez Gene: 3068](#)Human

[Entrez Gene: 15191](#)Mouse

[Entrez Gene: 114499](#)Rat

[Omim: 600339](#)Human

[SwissProt: P51858](#)Human

[SwissProt: P51859](#)Mouse

[SwissProt: Q8VHK7](#)Rat

[Unigene: 506748](#)Human

[Unigene: 292208](#)Mouse

[Unigene: 860](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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