

Rabbit HDGF Polyclonal Antibody | anti-HDGF antibody

HDGF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326992	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

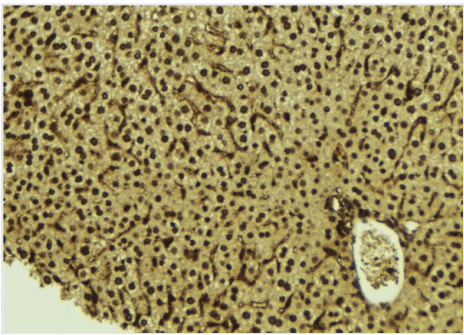
PRODUCT SYNONYMS

HDGF; Polyclonal Antibody; HDGF Antibody; FLJ96580; 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; anti-HDGF antibody

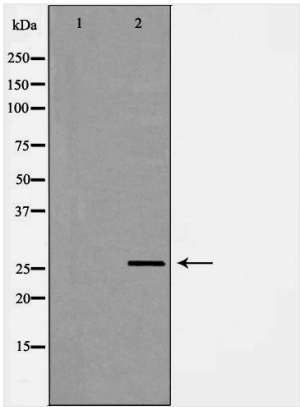
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HDGF antibody detects endogenous levels of total HDGF
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	256
Applicable Applications for anti-HDGF antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HDGF
Subcellular Location	Cytoplasm. Nucleus.
Tissue Specificity	Ubiquitous.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326992 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Hela whole cell lysates, using HDGF Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HDGF antibody	Description: 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. Function: Heparin-binding protein, with mitogenic activity for fibroblasts. Acts as a transcriptional repressor. Subunit Structure: Monomer, and domain-swapped homodimer. Post-translational Modifications: Sumoylated with SUMO1. Sumoylation prevents binding to chromatin. Similarity: The PWWP domain harbors the heparin-binding sites and is responsible for DNA-binding, while the C-terminal region is essentially unstructured. Belongs to the HDGF family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	186928819
NCBI GeneID	3068
NCBI Accession #	NP_001119522.1
NCBI GenBank Nucleotide #	NM_001126050.1
UniProt Accession #	P51858; Q5SZ07; Q5SZ08; Q5SZ09; B3KU21; D3DVC9
Molecular Weight	Observed: 26 kDa Predicted: 27 kDa
NCBI Official Full Name	hepatoma-derived growth factor isoform b
NCBI Official Synonym Full Names	heparin binding growth factor
NCBI Official Symbol	HDGF
NCBI Official Synonym Symbols	HMG1L2
NCBI Protein Information	hepatoma-derived growth factor
UniProt Protein Name	Hepatoma-derived growth factor
UniProt Gene Name	HDGF
UniProt Synonym Gene Names	HMG1L2; HDGF; HMG-1L2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

