



HDGF Polyclonal Antibody

Catalog No	BYab-10700
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	HDGF HMG1L2
Protein Name	Hepatoma-derived growth factor (HDGF) (High mobility group protein 1-like 2) (HMG-1L2)
Immunogen	Synthetic peptide from human protein at AA range: 141-190
Specificity	The antibody detects endogenous HDGF
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Hepatoma-derived growth factor (HDGF;High mobility group protein 1-like 2;HMG-1L2)
Observed Band	
Cell Pathway	[Isoform 1]: Nucleus . Cytoplasm . Secreted, extracellular exosome . 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 2]: Nucleus . Cytoplasm . Secreted, extracellular exosome . Secreted by exosomes and is located on the outer exosome surface. . ; [Isoform 3]: Nucleus . Cytoplasm . Secreted, extracellular exosome . Secreted by exosomes and is located on the outer exosome surface. .
Tissue Specificity	Ubiquitous.
Function	domain:The PWWP domain harbors the heparin-binding sites and is responsible for DNA-binding, while the C-terminal region is essentially unstructured.,function:Heparin-binding protein, with mitogenic activity for fibroblasts. Acts as a transcriptional repressor.,PTM:Sumoylated by SUMO1. Sumoylation prevents binding to chromatin.,similarity:Belongs to the HDGF family.,similarity:Contains 1 PWWP domain.,subunit:Monomer, and

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domain-swapped homodimer.,tissue specificity:Ubiquitous.,

Background

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. High levels of expression of this gene enhance the growth of many tumors. 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, Jan 2016],

matters needing attention

Avoid repeated freezing and thawing!

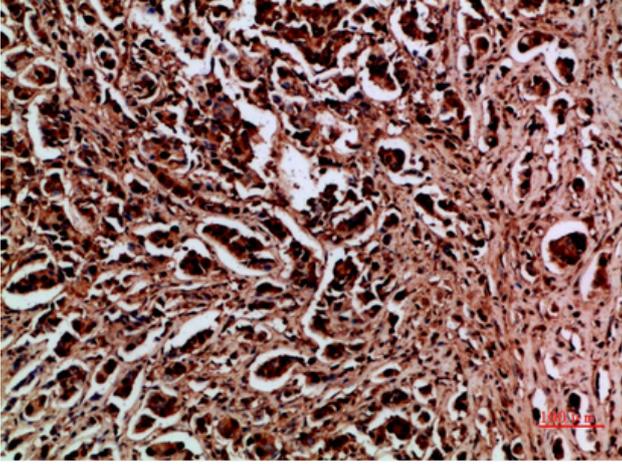
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

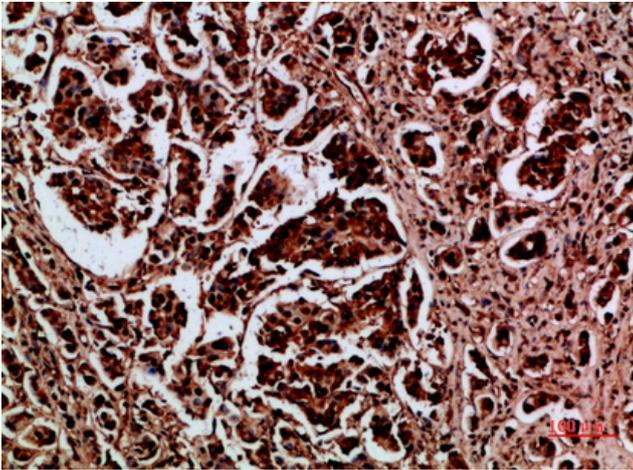
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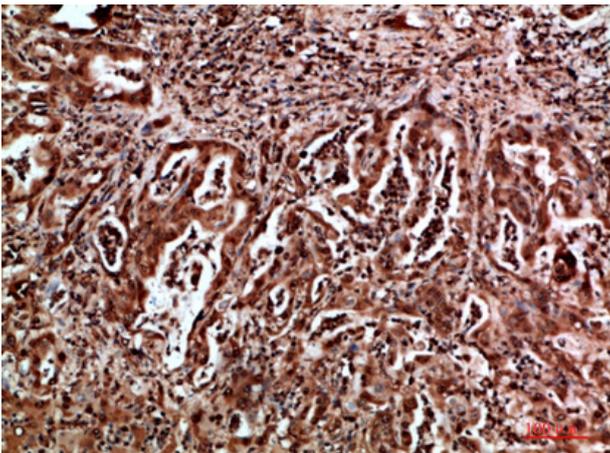
Products Images



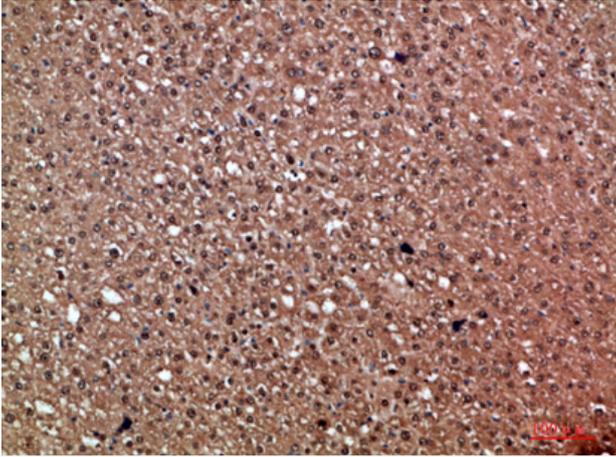
Immunohistochemical analysis of paraffin-embedded human-breast-cancer, antibody was diluted at 1:200



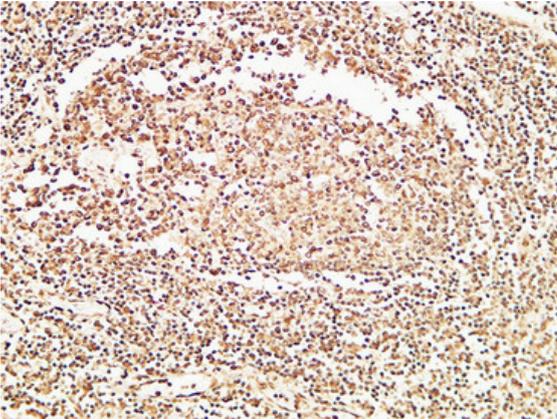
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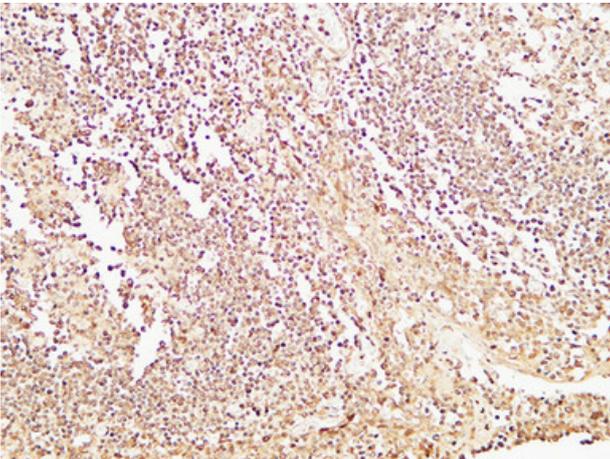
Immunohistochemical analysis of paraffin-embedded human-liver-cancer, antibody was diluted at 1:200

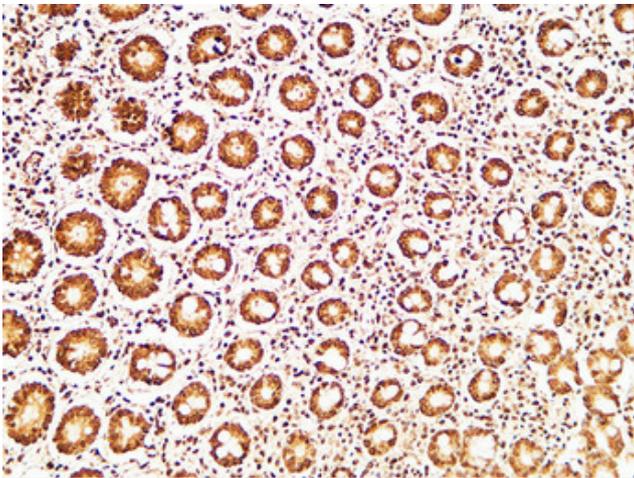
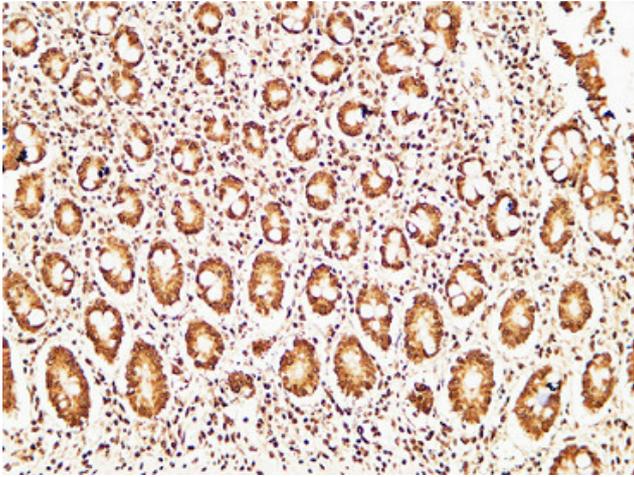
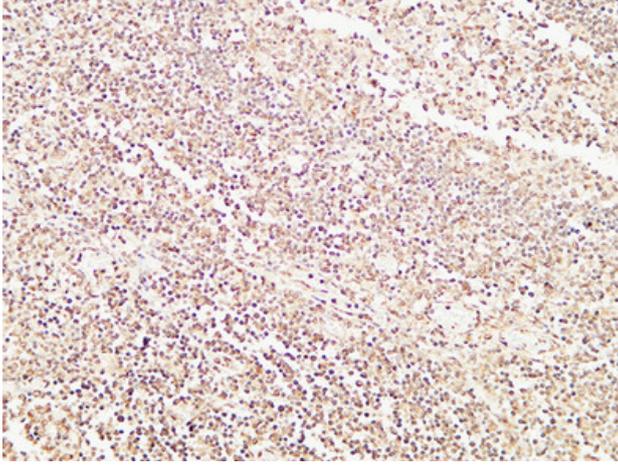


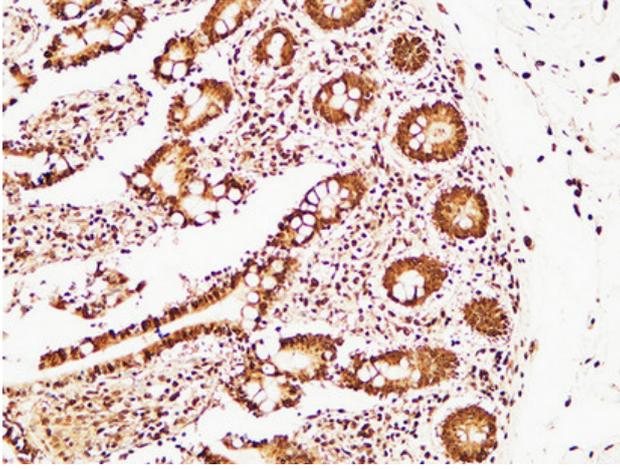
Immunohistochemical analysis of paraffin-embedded human-liver-cancer, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded Human Amygdala. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).







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