

ARG55689 anti-HDGF antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes HDGF
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	HDGF
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 171-197 (C-terminus) of Human HDGF.
Conjugation	Un-conjugated
Alternate Names	HMG1L2; HMG-1L2; HDGF; High mobility group protein 1-like 2; Hepatoma-derived growth factor

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:10 - 1:50
	IHC-P	1:10 - 1:50
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

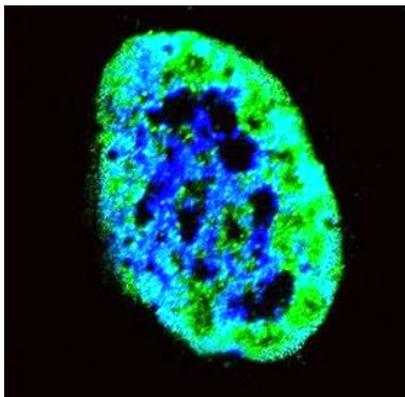
Properties

Form	Liquid
Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

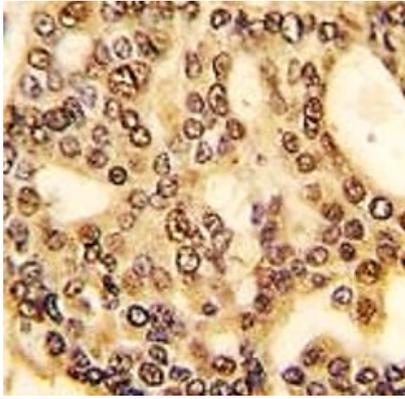
Database links	GeneID: 3068 Human Swiss-port # P51858 Human
Gene Symbol	HDGF
Gene Full Name	hepatoma-derived growth factor
Background	HDGF is a member of the hepatoma-derived growth factor family. The encoded protein has mitogenic and DNA-binding activity and may play a role in cellular proliferation 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]
Function	HDGF Isoform 1: Acts as a transcriptional repressor (PubMed:17974029). Has mitogenic activity for fibroblasts (PubMed:11751870, PubMed:26845719). Heparin-binding protein (PubMed:15491618). Isoform 2: Does not have mitogenic activity for fibroblasts (PubMed:26845719). Does not bind heparin (PubMed:26845719). Isoform 3: Has mitogenic activity for fibroblasts (PubMed:26845719). Heparin-binding protein (PubMed:26845719). [UniProt]
Highlight	Related products: HDGF antibodies ; HDGF ELISA Kits ; Anti-Rabbit IgG secondary antibodies ; Related news: The most sensitive human HDGF ELISA kit The role of HDGF in tumor angiogenesis
Calculated Mw	27 kDa
PTM	Sumoylated with SUMO1. Sumoylation prevents binding to chromatin.
Cellular Localization	Cytoplasm. Nucleus.

Images



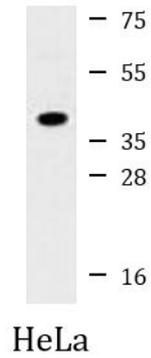
ARG55689 anti-HDGF antibody ICC/IF image

Immunofluorescence: SK-BR-3 cells stained with ARG55689 anti-HDGF antibody (green). DAPI (blue) for nuclear staining.



ARG55689 anti-HDGF antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human hepatocarcinoma tissue stained with ARG55689 anti-HDGF antibody.



ARG55689 anti-HDGF antibody WB image

Western blot: 35 µg of HeLa cell lysate stained with ARG55689 anti-HDGF antibody.