

For Research Use Only

HDGF2 Polyclonal antibody

Catalog Number: 15134-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

15134-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 440 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7281

GenBank Accession Number:

BC000755

GeneID (NCBI):

84717

UNIPROT ID:

Q7Z4V5

Full Name:

hepatoma-derived growth factor-related protein 2

Calculated MW:

74 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

IHC, IF/ICC, ELISA

Cited Applications:

IF, ColP, ChIP

Species Specificity:

human

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human colon tissue,

IF/ICC : HepG2 cells, A431 cells

Background Information

HDGF2, also known as HDGFL2 (Hepatoma-Derived Growth Factor-like 2), is a gene that encodes a member of the hepatoma-derived growth factor (HDGF) family. HDGF2 plays a role in LEDGF/p75-independent HIV-1 replication by determining HIV-1 integration site selection. It is also involved in the binding to methylated histones, which suggests a role in epigenetic regulation.

Notable Publications

Author	Pubmed ID	Journal	Application
Judd F Hultquist	27783955	Cell Rep	WB
Xiao-Feng Tian	27779720	Mol Med Rep	
Gary LeRoy	31616795	Sci Adv	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

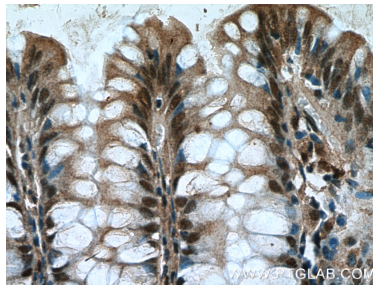
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

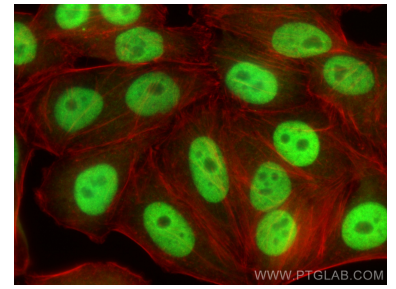
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 15134-1-AP (HRP 2 antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 15134-1-AP (HRP 2 antibody at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HDGF2 antibody (15134-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).