

For Research Use Only

CXCL14 Polyclonal antibody

Catalog Number: 10468-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

10468-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0747

GenBank Accession Number:

BC003513

GeneID (NCBI):

9547

UNIPROT ID:

O95715

Full Name:

chemokine (C-X-C motif) ligand 14

Calculated MW:

13 kDa

Observed MW:

13 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:

IHC, IF

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

IHC : human liver tissue, human breast cancer tissue, human colon cancer tissue, human stomach tissue

IF/ICC : HepG2 cells,

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

Background Information

CXCL 14 (C-X-C motif chemokine 14) is a small inducible cytokine, and may be a potent chemoattractant for neutrophils. CXCL14 possesses a destruction box (D-box) domain which acts as a recognition signal for degradation via the ubiquitin-proteasome pathway. CXCL14 is widely expressed in normal tissues including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas without inflammatory stimuli. It is dispensable for dendritic cell function and localization within peripheral tissues. In localized prostate cancer, CXCL14 mRNA was significantly upregulated and positively correlated with Gleason score.

Notable Publications

Author	Pubmed ID	Journal	Application
Jia Qi	33129993	Transl Res	IHC
Jun Zeng	34744744	Front Pharmacol	
Li Yu	33068862	Int Immunopharmacol	IHC

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

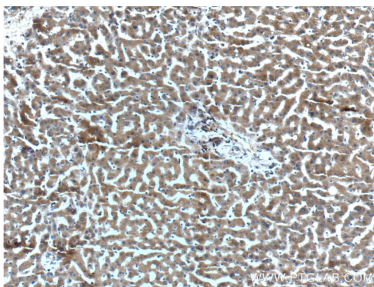
For technical support and original validation data for this product please contact:

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

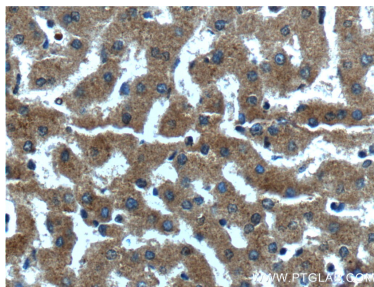
E: proteintech@ptglab.com
W: ptglab.com

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

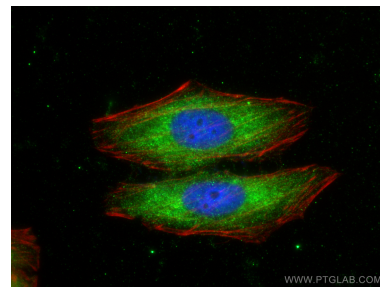
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 10468-1-AP (CXCL14 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 10468-1-AP (CXCL14 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CXCL14 antibody (10468-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).