

For Research Use Only

CXCL14 Polyclonal antibody

Catalog Number: 10468-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 10468-1-AP	GenBank Accession Number: BC003513	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9547	Recommended Dilutions: IHC 1:50-1:500 IF 1:200-1:800
Source: Rabbit	Full Name: chemokine (C-X-C motif) ligand 14	
Isotype: IgG	Calculated MW: 13 kDa	
Immunogen Catalog Number: AG0747	Observed MW: 13 kDa	

Applications

Tested Applications: IF, IHC, ELISA	Positive Controls:
Cited Applications: IF, IHC	IHC : human liver tissue, human breast cancer tissue, human colon cancer tissue, human stomach tissue
Species Specificity: human	IF : HepG2 cells,
Cited Species: human	
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

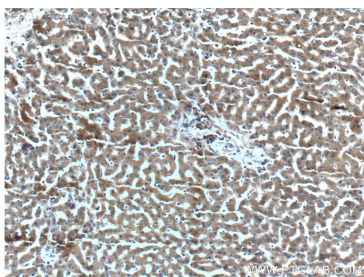
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

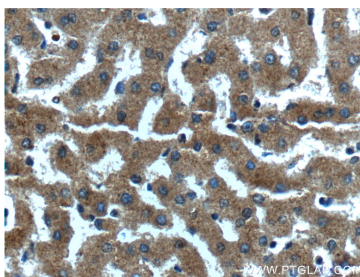
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

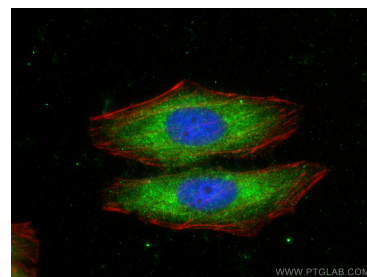
Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).