

CXCR3 Polyclonal antibody

Catalog Number: 26756-1-AP **13 Publications**

Basic Information

Catalog Number: 26756-1-AP	GenBank Accession Number: BC034403	Purification Method: Antigen affinity purification
Size: 750 µg/ml	GeneID (NCBI): 2833	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P49682	
Isotype: IgG	Full Name: chemokine (C-X-C motif) receptor 3	
Immunogen Catalog Number: AG25056	Calculated MW: 368 aa, 41 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB, IF, IHC	WB: HepG2 cells, Jurkat cells, mouse liver tissue
Species Specificity: human, mouse	IHC: human liver tissue, human kidney tissue
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

Background Information

CXCR3 (C-X-C chemokine receptor type 3) is a G-protein-coupled seven-transmembrane domain chemokine receptor that is expressed on the surface of a number of cell types, including activated CD4+ and CD8+ T cells, NK and NK-T cells, plasmacytoid dendritic cells, and some B cells. CXCR3 is activated by three related chemokines (CXCL9, CXCL10, and CXCL11) and plays an important role in effector T-cell and NK cell trafficking. CXCR3 has three isoforms termed CXCR3-A, CXCR3-B, and CXCR3-alt with the calculated molecular mass of 41kDa, 46kDa, and 29kDa respectively. The apparent molecular mass of CXCR3 detected by some scientists is 70kDa, but 45kDa by others. (PMID: 16847335, 15150261, 22885102, 19151743)

Notable Publications

Author	Pubmed ID	Journal	Application
Yuejiao Xin	36078141	Cells	WB,IHC
Heng Li	30883697	Br J Pharmacol	IF
Wei-Chih Lien	36684074	Bioeng Transl Med	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

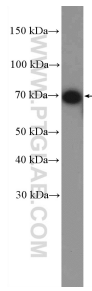
For technical support and original validation data for this product please contact:

T: 4006900926

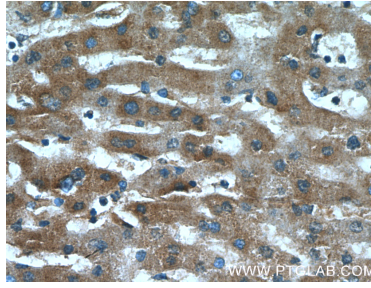
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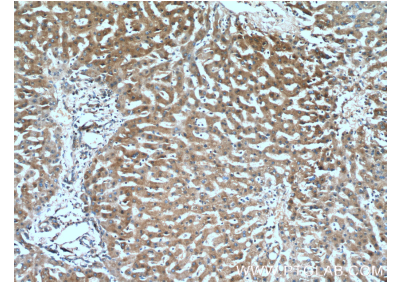
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 26756-1-AP (CXCR3 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26756-1-AP (CXCR3 Antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26756-1-AP (CXCR3 Antibody) at dilution of 1:200 (under 10x lens).