

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CXCR4



Numéro de catalogue: 11073-2-AP

Phare

36 Publications

Informations de base

Numéro de catalogue:
11073-2-AP

Taille:
150ul, Concentration: 750 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1528

Numéro d'acquisition GenBank:
BC020968

Identification du gène (NCBI):
7852

Nom complet:
chemokine (C-X-C motif) receptor 4

MW calculé
352 aa, 40 kDa

MW observés:
60-70 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 µg for IP and 1:500-1:1000
for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Contrôles positifs:

WB : tissu splénique de rat, cellules HeLa, cellules
Jurkat, tissu splénique de souris

IP : cellules HeLa,

IHC : tissu d'amygdalite humain, tissu splénique de
souris

**Remarque-IHC: il est suggéré de démasquer
l'antigène avec un tampon de TE buffer pH
9,0; (*) À défaut, le démasquage de
l'antigène peut être effectué avec un
tampon citrate pH 6,0.**

Informations générales

C-X-C chemokine receptor type 4 (CXCR4) is a widely expressed G protein-coupled seven-transmembrane receptor. CXCL12/SDF-1 is the biological ligand for CXCR4. The binding of CXCL12 to CXCR4 induces intracellular signaling through several divergent pathways initiating signals related to chemotaxis, cell survival and/or proliferation, increase in intracellular calcium, and gene transcription (PMID: 20484021). CXCR4 also functions as a coreceptor for HIV-1 entry (PMID: 9427609). CXCR4 has a calculated molecular weight of 40 kDa. In addition to the predicted species of 45-47 kDa for glycosylated CXCR4 monomers, due to ubiquitination, dimeration, and different degrees of glycosylation, additional species can also exist and have been reported in some researches, including 67 kDa (PMID: 23917520), 55, 67, 87 kDa (PMID: 20028517), 80 kDa (PMID: 10506573), 47, 50, 62, and 98 kDa (PMID: 16204649).

Publications notables

Autrice	Pubmed ID	Journal	Application
Guangjie Zhao	36163180	Cell Death Discov	WB
Dali Zhao	34555268	FEBS Open Bio	WB
Yuji Fukushima	36130493	Cell Rep	WB,IP

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquote n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

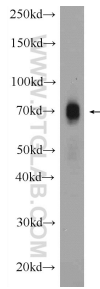
For technical support and original validation data for this product please contact:

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

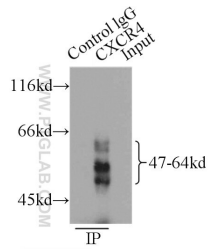
E: proteintech@ptglab.com
W: ptglab.com

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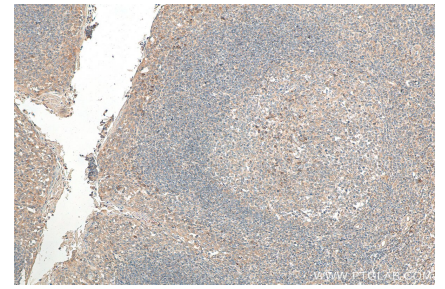
Données de validation sélectionnées



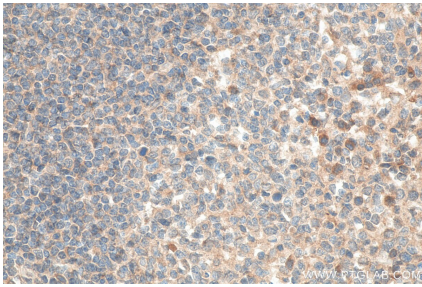
rat spleen tissue were subjected to SDS PAGE followed by western blot with 11073-2-AP (CXCR4 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-CXCR4 (IP:11073-2-AP, 3ug; Detection:11073-2-AP 1:500) with HeLa cells lysate 1000ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 11073-2-AP (CXCR4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 11073-2-AP (CXCR4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).