

Nur für Forschungszwecke

# CXCR7 Polyklonaler Antikörper

Katalog-Nr.: 20423-1-AP

Vorgestelltes Produkt

16 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
20423-1-AP

Größe:  
150ul, Konzentration: 153 µg/ml  
durch die Bradford-Methode mit BSA  
als Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG14247

GenBank-Zugangsnummer:  
BC036661

GeneID (NCBI):  
57007

Vollständiger Name:  
chemokine (C-X-C motif) receptor 7

Berechnete Masse:  
362 aa, 41 kDa

Beobachtete Masse:  
45-50 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000  
IP 0.5-4.0 µg für IP und 1:500-1:1000  
für WB  
IHC 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

FC, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: Raji-Zellen, Jurkat-Zellen, K-562-Zellen, Maus-Thymusgewebe

IP: HUVEC-Zellen,

IHC: Maushirngewebe,

## Hintergrundinformationen

CXCR7 (C-X-C chemokine receptor type 7), also known as RDC1, is a member of the G-protein coupled receptor family. CXCR7 can bind the chemokines CXCL11 and CXCL12 with high affinity, and it also acts as coreceptor with CXCR4 for a restricted number of HIV isolates. Expression of CXCR7 has been associated with cardiac development as well as with tumor growth and progression. This antibody recognizes endogenous CXCR7, which has an experimentally determined molecular weight of 50 kDa (PMID: 20197403; 20388803).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Lulu Chen	32876991	Cell Biol Int	WB,IF,IHC
Liang Kuang	31662319	Ann Rheum Dis	WB
Xiang Li	36405246	J Oncol	WB

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

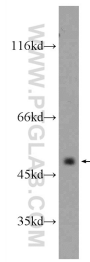
For technical support and original validation data for this product please contact:

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

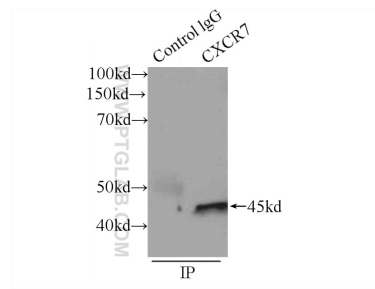
E: proteintech@ptglab.com  
W: ptglab.com

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

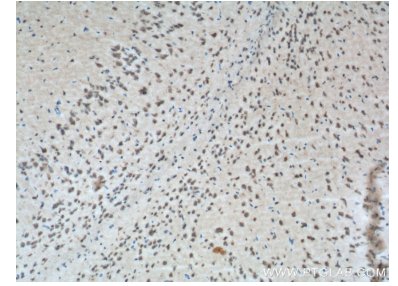
## Ausgewählte Validierungsdaten



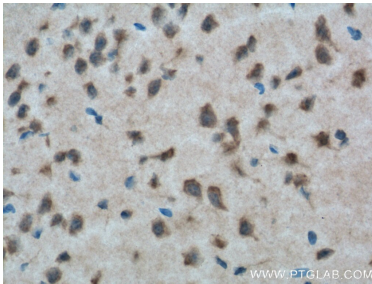
Raji cells were subjected to SDS PAGE followed by western blot with 20423-1-AP (CXCR7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



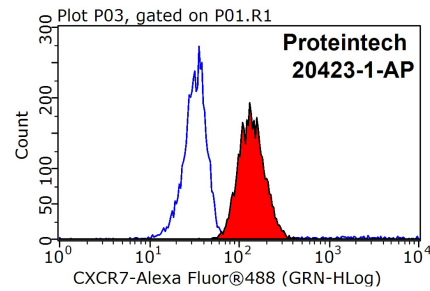
IP Result of anti-CXCR7 (IP:20423-1-AP, 3ug; Detection:20423-1-AP 1:500) with HUVEC cells lysate 1400ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20423-1-AP (CXCR7 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 mouse brain tissue slide using 20423-1-AP (CXCR7 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> Raji cells were stained with 0.2ug CXCR7 antibody (20423-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.