

For Research Use Only

CXCR1 Polyclonal antibody

Catalog Number: 55450-1-AP

8 Publications



Basic Information

Catalog Number:

55450-1-AP

Size:

150ul, Concentration: 900 µg/ml by Nanodrop and 380 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000634

GeneID (NCBI):

3577

Full Name:

interleukin 8 receptor, alpha

Calculated MW:

40 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

IF, WB

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB: Jurkat cells,

IP: Jurkat cells,

Background Information

CXCR1, also named as CMKAR1, IL8RA and CD181, belongs to the G-protein coupled receptor 1 family. It is a receptor to interleukin-8, which is a powerful neutrophils chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. CXCR1 binds to IL-8 with a high affinity and to MGSA (GRO) with a low affinity. This antibody is specific to CXCR1.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuchen Ma	36327908	Mol Immunol	WB
Xiaolei Shi	36217946	J Agric Food Chem	WB
Wei qun Mao	30620384	Cancer	

Storage

Storage:

Store at -20°C.

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

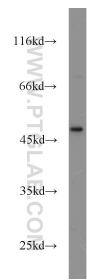
For technical support and original validation data for this product please contact:

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

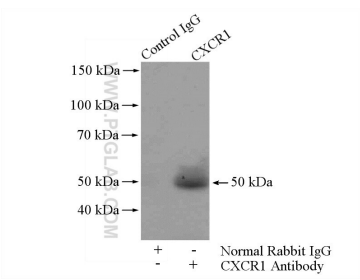
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 55450-1-AP (CXCR1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-CXCR1 (IP:55450-1-AP, 4ug; Detection:55450-1-AP 1:500) with Jurkat cells lysate 4000ug.