

For Research Use Only

# CXCR1 Polyclonal antibody

Catalog Number: 55450-1-AP **8 Publications**



## Basic Information

**Catalog Number:**

55450-1-AP

**Size:**

900 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_000634

**GeneID (NCBI):**

3577

**UNIPROT ID:**

P25024

**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 1.0-3.0 mg of total protein lysate

## 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

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

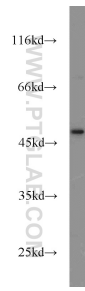
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

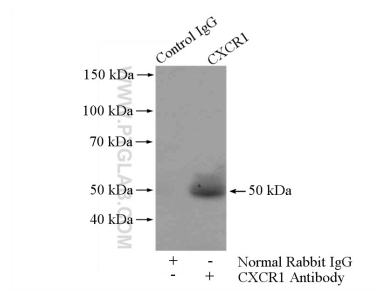
W: [ptgcn.com](http://ptgcn.com)

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## 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.