

Datasheet for ABIN730873  
**anti-CXCR1 antibody (AA 186-280)**[3 Images](#)[4 Publications](#)[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	CXCR1
Binding Specificity:	AA 186-280
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CXCR1
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	CXCR1
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## Target Details

Alternative Name:	CXCR1 ( <a href="#">CXCR1 Products</a> )
Background:	<p>Synonyms: C-C, CD128, CD181, CKR-1, IL8R1, IL8RA, CMKAR1, IL8RBA, CDw128a, C-C-CKR-1, C-X-C chemokine receptor type 1, CXC-R1, CXCR-1, High affinity interleukin-8 receptor A, IL-8R A, IL-8 receptor type 1, CXCR1</p> <p>Background: Receptor to interleukin-8, which is a powerful neutrophils chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activate a phosphatidylinositol-calcium second messenger system. This receptor binds to IL-8 with a high affinity and to MGSA (GRO) with a low affinity.</p>
Gene ID:	3577
UniProt:	<a href="#">P25024</a>
Pathways:	<a href="#">cAMP Metabolic Process</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Handling

Expiry Date: 12 months

## Publications

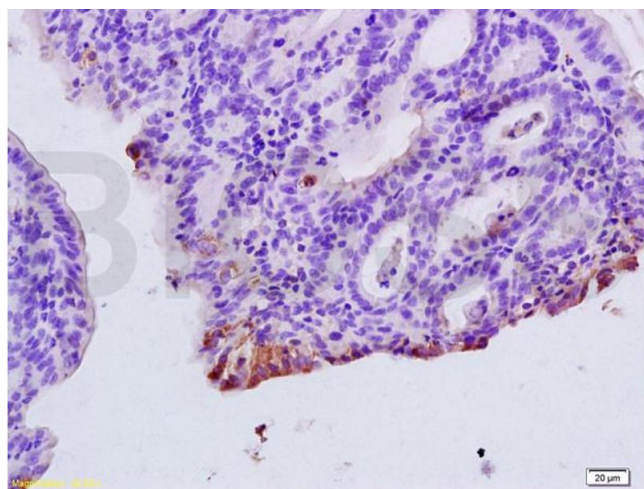
Product cited in: Schneberger, Gordon, DeVasure, Boten, Heires, Romberger, Wyatt: "CXCR1/CXCR2 antagonist CXCL8(3-74)K11R/G31P blocks lung inflammation in swine barn dust-instilled mice." in: **Pulmonary pharmacology & therapeutics**, Vol. 31, pp. 55-62, (2015) ([PubMed](#)).

Zhao, Zhu, Jiang, Xu, Wang, Chen, Liu: "Role of GPER1, EGFR and CXCR1 in differentiating between malignant follicular thyroid carcinoma and benign follicular thyroid adenoma." in: **International journal of clinical and experimental pathology**, Vol. 8, Issue 9, pp. 11236-47, (2015) ([PubMed](#)).

Tang, Yang, Wang, Li, Xu, Chen, Liu: "High expression of GPER1, EGFR and CXCR1 is associated with lymph node metastasis in papillary thyroid carcinoma." in: **International journal of clinical and experimental pathology**, Vol. 7, Issue 6, pp. 3213-23, (2015) ([PubMed](#)).

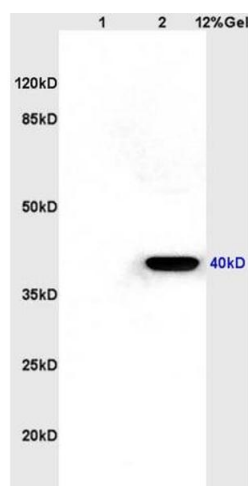
Tian, Lv, Yang, Zhang, Yu, Zhu, Xiao, Zhu: "Effects of vitamin D on renal fibrosis in diabetic nephropathy model rats." in: **International journal of clinical and experimental pathology**, Vol. 7, Issue 6, pp. 3028-37, (2014) ([PubMed](#)).

## Images



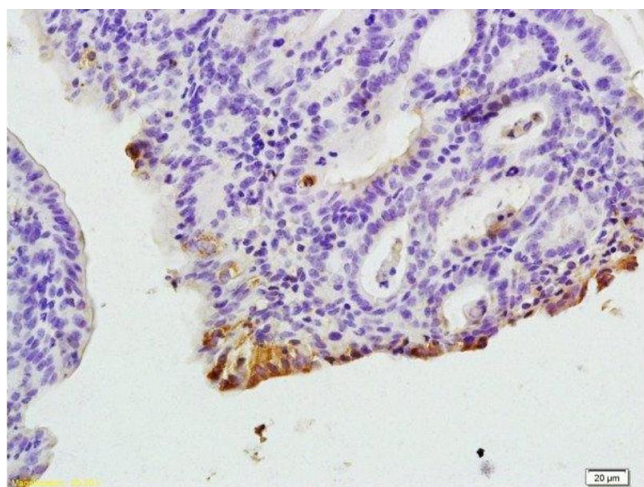
### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat colitis tissue labeled with Anti-CXCR1/IL-8RA Polyclonal Antibody, Unconjugated (ABIN730873) at 1:200, followed by conjugation to the secondary antibody and DAB staining



### SDS-PAGE

**Image 2.** Lane 1: rat kidney lysates Lane 2: rat brain lysates probed with Anti CXCR1/IL-8RA Polyclonal Antibody, Unconjugated (ABIN730873) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 40kD. Observed band size: 40kD.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin embedded rat colitis tissue labeled with Anti-CXCR1/IL-8RA Polyclonal Antibody, Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining