

Datasheet for ABIN7298272  
**anti-CXCR7 antibody (C-Term)**



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2 Images

## Overview

Quantity:	100 µL
Target:	CXCR7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GPR159.
Specificity:	Recognizes endogenous levels of GPR159 protein.
Characteristics:	Rabbit polyclonal antibody to GPR159
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	CXCR7
Alternative Name:	GPR159 ( <a href="#">CXCR7 Products</a> )
Background:	CMKOR1, CXCR7, GPR159, RDC1, Atypical chemokine receptor 3, C-X-C chemokine receptor

### Target Details

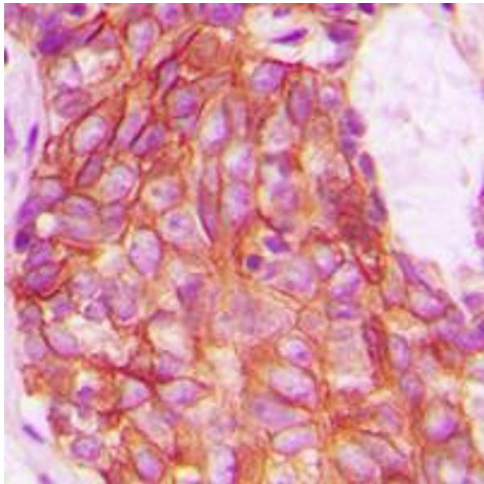
	type 7, CXC-R7, CXCR-7, Chemokine orphan receptor 1, G-protein coupled receptor 159, G-protein coupled receptor RDC1 homolog, RDC-1
Gene ID:	57007, 12778, 84348
UniProt:	<a href="#">P25106</a> , <a href="#">P56485</a> , <a href="#">O89039</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a>

### Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

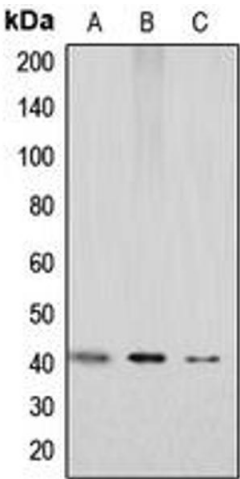
### Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



#### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of GPR159 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### Western Blotting

**Image 2.** Western blot analysis of GPR159 expression in HEK293T (A), mouse kidney (B), rat kidney (C) whole cell lysates.