


# Anti-GPCR RDC1/CXCR-7 antibody ab72100

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### 概述

产品名称	Anti-GPCR RDC1/CXCR-7抗体
描述	兔多克隆抗体to GPCR RDC1/CXCR-7
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Chicken, Xenopus laevis 
免疫原	Synthetic peptide corresponding to Human GPCR RDC1/CXCR-7 aa 106-117. Sequence: QHNQWPMGELTC <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 0.05% BSA, PBS
纯度	Protein G purified
克隆	多克隆
同种型	IgG

### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab72100 于以下的经测试应用

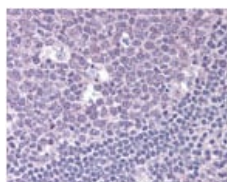
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 4 - 6 µg/ml. Detects a band of approximately 42 kDa (predicted molecular weight: 42 kDa).
IHC-P		Use a concentration of 10 µg/ml.

## 靶标

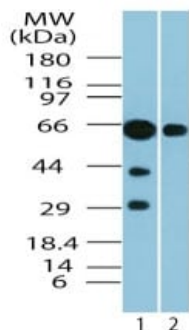
功能	Receptor for CXCL12/SDF1. Acts as coreceptor with CXCR4 for a restricted number of HIV isolates.
组织特异性	Expressed in monocytes, basophils, and B-cells. Lower expression in CD4+ T-lymphocytes and natural killer cells.
序列相似性	Belongs to the G-protein coupled receptor 1 family.
细胞定位	Cell membrane.

## 图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPCR RDC1/CXCR-7 antibody (ab72100)

Immunohistochemical analysis of GPCR RDC1/CXCR-7 in paraffin-embedded formalin-fixed human tonsil tissue using ab72100 at 10 ug/ml



Western blot - Anti-GPCR RDC1/CXCR-7 antibody (ab72100)

**All lanes** : Anti-GPCR RDC1/CXCR-7 antibody (ab72100) at 5 µg/ml

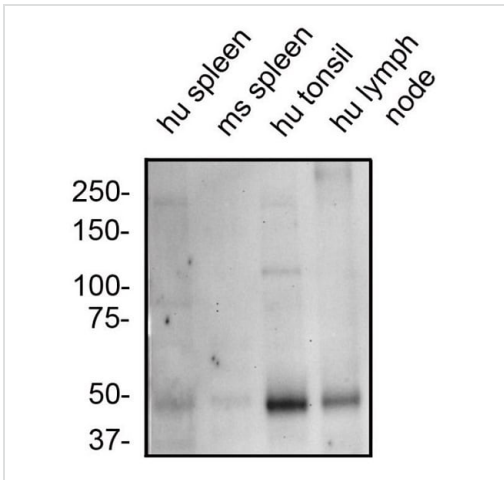
**Lane 1** : Jurkat cell lysate

**Lane 2** : Jurkat cell lysate with immunizing peptide

**Predicted band size:** 42 kDa

**Observed band size:** 42 kDa

**Additional bands at:** 29 kDa, 65 kDa. We are unsure as to the identity of these extra bands.



Western blot - Anti-GPCR RDC1/CXCR-7 antibody (ab72100)

**All lanes** : Anti-GPCR RDC1/CXCR-7 antibody (ab72100) at 2 µg/ml

**Lane 1** : Human spleen

**Lane 2** : Mouse spleen

**Lane 3** : Human tonsil

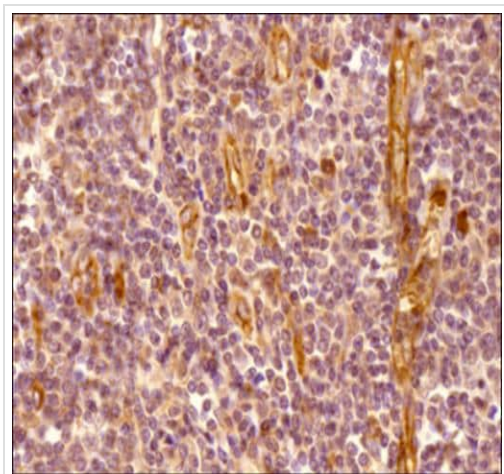
**Lane 4** : Human lymph node

**Secondary**

**All lanes** : anti-rabbit HRP

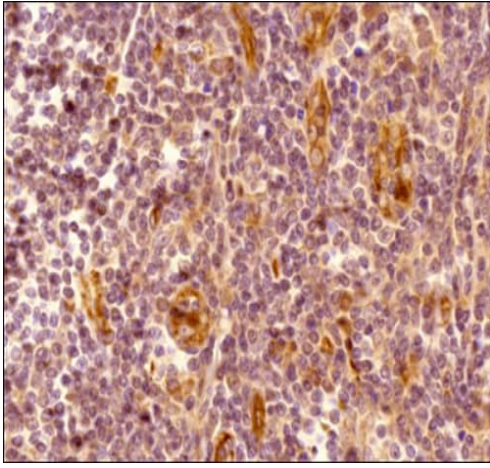
**Predicted band size:** 42 kDa

Blocking buffer: 5% non-fat milk in TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPCR RDC1/CXCR-7 antibody (ab72100)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human tonsil staining GPCR RDC1/CXCR-7 with ab72100 (5ug/ml). The staining was developed using HRP labeled anti-rabbit secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GPCR RDC1/CXCR-7 antibody (ab72100)

IHC analysis of a formalin fixed paraffin embedded tissue section of human tonsil using 5ug/ml concentration of ab72100. The staining was developed using HRP labeled anti-rabbit secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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