

**Goat Anti-CXCR1 Antibody (internal region (near N terminus))**  
**Purified Goat Polyclonal Antibody**  
**Catalog # AF4169a****Specification**

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**Goat Anti-CXCR1 Antibody (internal region (near N terminus)) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | WB                          |
| Primary Accession | <a href="#">P25024</a>      |
| Other Accession   | <a href="#">NP_000625.1</a> |
| Reactivity        | Human                       |
| Predicted         | Human                       |
| Host              | Goat                        |
| Clonality         | Polyclonal                  |
| Concentration     | 0.5                         |
| Calculated MW     | 39791                       |

**Goat Anti-CXCR1 Antibody (internal region (near N terminus)) - Additional Information****Gene ID** 3577**Other Names**

CXCR1; chemokine (C-X-C motif) receptor 1; C-C; C-C-CKR-1; CD128; CD181; CDw128a; CKR-1; CMKAR1; IL8R1; IL8RA; IL8RBA; C-X-C chemokine receptor type 1; CXC-R1; CXCR-1; IL-8 receptor type 1; IL-8R A; high affinity interleukin-8 receptor A; interleukin 8 re

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Immunogen**

Peptide with sequence DYSPCMLETETLN, from the internal region (near N terminus) of the protein sequence according to NP\_000625.1.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-CXCR1 Antibody (internal region (near N terminus)) is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-CXCR1 Antibody (internal region (near N terminus)) - Protein Information****Name** CXCR1**Synonyms** CMKAR1, IL8RA

**Function**

Receptor to interleukin-8, which is a powerful neutrophils chemotactic factor (PubMed:<a href="http://www.uniprot.org/citations/1840701" target="\_blank">1840701</a>). Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G- protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:<a href="http://www.uniprot.org/citations/8662698" target="\_blank">8662698</a>).

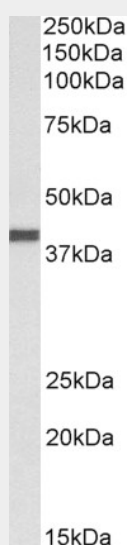
**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Goat Anti-CXCR1 Antibody (internal region (near N terminus)) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat Anti-CXCR1 Antibody (internal region (near N terminus)) - Images**

AF4169a (0.3 µg/ml) staining of Human Breast cancer lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Goat Anti-CXCR1 Antibody (internal region (near N terminus)) - References**

Structure of the chemokine receptor CXCR1 in phospholipid bilayers. Park SH, Das BB, Casagrande F, Tian Y, Nothnagel HJ, Chu M, Kiefer H, Maier K, De Angelis AA, Marassi FM, Opella SJ. Nature 2012 Nov 491 (7426): 779-83.