003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

# CXCR4 Polyclonal Antibody

**Cat #:** G-AB-05891

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
This gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells. Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia, infections, and myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

**Gene ID:**

**Accession #:**

**Immunogen:** Synthesized peptide derived from the C-terminal region of human Fusin

**Conjugation:** Unconjugated

**Swissprot:** P61073

**Calculated Molecular Weight:** 40 kDa

**Observed Molecular Weight:** 36 kDa

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4

**Purification Method:** Affinity purification

**Application:** WB,IF,ELISA

**Dilution:** WB 1:500-1:2000, IF 1:100-1:300, ELISA 1:40000

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.