

# CXCR 4 Rabbit Polyclonal Antibody(A220)

## Catalog No: RA20224

### Basic Information

Host species	Rabbit
Applications	WB,IHC
Species Cross-Reactivity	H,R,M
Specificity	Antibody can detects endogenous CXCR 4 protein.
Recommended dilutions	WB: 1:1,000-2,000    IHC: 1:100-200 Optimal dilutions should be determined by the end user.

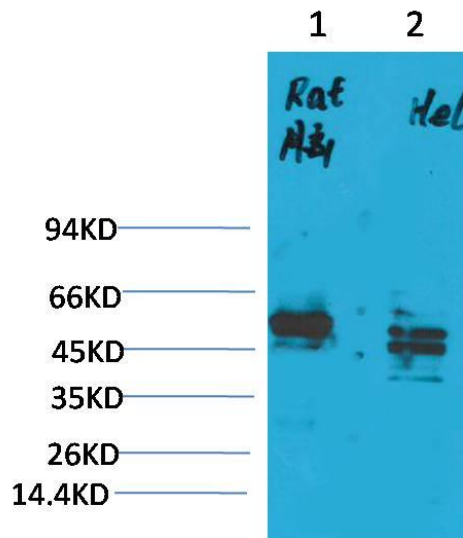
### Applications

Formulation	Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Polyclonal

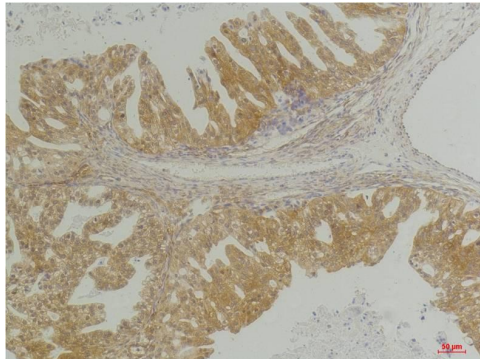
### Background

Alternative Names	C-X-C chemokine receptor type 4, CD184,D2S201E,Fusin,HM89,HSY3RR
Observed band	50
Human Gene ID	7852
Human Swiss-Prot Number	P61073
Background	CXCR4 is a chemokine receptor that belongs to the G protein-coupled receptor family. The main function of CXCR4 is the mediation of the homing of progenitor cells in the bone marrow and their recruitment to sites of injury.

Selected Validation Data



Western blot analysis of 1) Rat Brain Tissue, 2)HeLa, with CXCR4 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using CXCR4 Rabbit pAb diluted at 1:200.