

CXCR4 antibody

Product Information

Catalog No.:	FNab02102
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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.

Immunogen information

Immunogen:	chemokine (C-X-C motif) receptor 4
Synonyms:	C-X-C chemokine receptor type 4 (CXC-R4, CXCR-4) FB22 Fusin HM89 LCR1 Leukocyte-derived seven transmembrane domain receptor (LESTR) Lipopolysaccharide-associated protein 3 (LAP-3, LPS-associated protein 3) NPYRL Stromal cell-derived factor 1 receptor (SDF-1 receptor) CXCR4
Observed MW:	60 kDa
Uniprot ID :	P61073

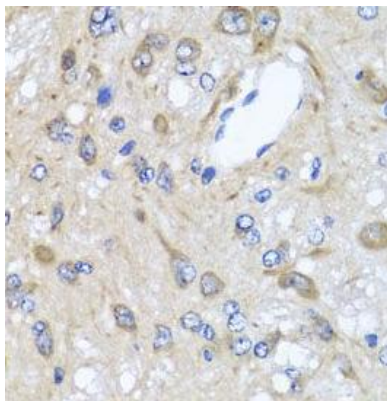
Application

Reactivity:	Human, Mouse, Rat
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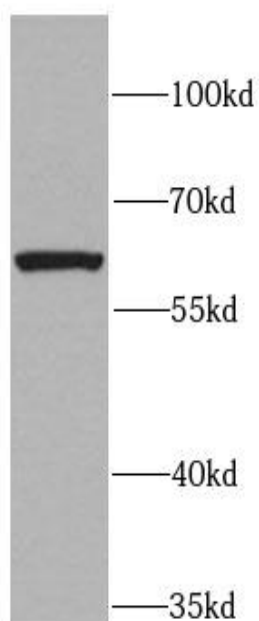
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat brain using FNab02102(CXCR4 antibody) at dilution of 1:100



rat spleen tissue were subjected to SDS PAGE followed by western blot with FNab02102(CXCR4 Antibody) at dilution of 1:1000