

Rabbit anti-Human, Mouse CXCR4 Polyclonal Antibody | anti-CXCR4 antibody

CXCR4 Antibody

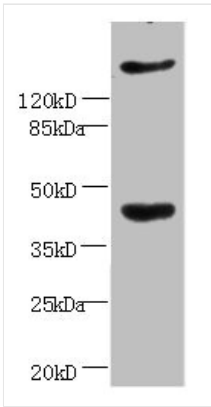
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA26937	Rabbit	Human, Mouse	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

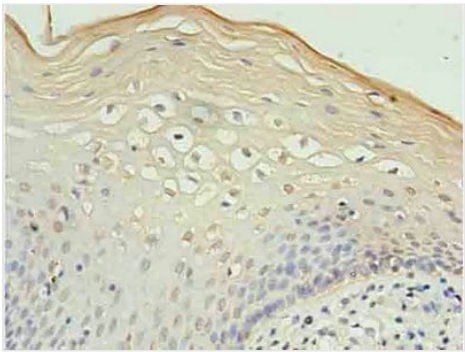
CXCR4; Polyclonal Antibody; CXCR4 Antibody; C-X-C chemokine receptor type 4 (CXC-R4) (CXCR-4) (FB22) (Fusin) (HM89) (LCR1) (Leukocyte-derived seven transmembrane domain receptor) (LESTR) (Lipopolysaccharide-associated protein 3) (LAP-3) (LPS-associated protein 3) (NPYRL) (Stromal cell-derived factor 1 receptor) (SDF-1 receptor) (CD antigen CD184); anti-CXCR4 antibody

PRODUCT SPECIFICATIONS

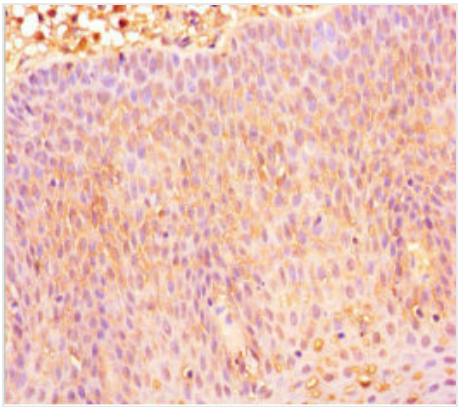
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	356
Applicable Applications for anti-CXCR4 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-5000 IHC: 1:20-1:200 IF: 1:200-1:500
Immunogen	Recombinant human C-X-C chemokine receptor type 4 protein (1-356AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Immunogen Species	Homo sapiens (Human)
Research Area	Immunology
Target Names	CXCR4
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



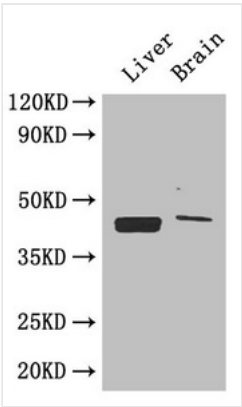
WB (Western Blot)
Western blotAll lanes: CXCR4 antibody at 2ug/ml+Hela cellsSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 40,41 kDaObserved band size: 40 kDa



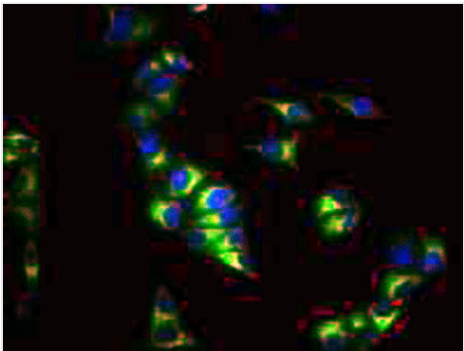
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA26937 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA26937 at dilution 1:100



WB (Western Blot)
Western BlotPositive WB detected in: mouse liver, mouse brainAll lanes: CXCR4 antibody at 2.6ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 40,41 kDaObserved band size: 40 kDa



IF (Immunofluorescence)
Immunofluorescence staining of HeLa cells with AAA26937 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

NCBI AND UNIPROT INFORMATION

NCBI GI #	56790927
NCBI GeneID	7852
NCBI Accession #	NP_001008540.1

NCBI GenBank Nucleotide #	NM_001008540.1
UniProt Accession #	P61073 ; O60835 ; P30991 ; P56438 ; Q53S69 ; Q9BXA0 ; Q9UKN2 ; B2R5N0
NCBI Official Full Name	C-X-C chemokine receptor type 4 isoform a
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 4
NCBI Official Symbol	CXCR4
NCBI Official Synonym Symbols	FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LAP-3; LESTR; NPY3R; NPYRL; WHIMS; HSY3RR; NPYY3R; D2S201E
NCBI Protein Information	C-X-C chemokine receptor type 4
UniProt Protein Name	C-X-C chemokine receptor type 4
UniProt Gene Name	CXCR4
UniProt Synonym Gene Names	CXC-R4; CXCR-4; LESTR; LAP-3; LPS-associated protein 3; SDF-1 receptor
UniProt Entry Name	CXCR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cxcr4-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/26937>