

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

CXCR4 (Phospho-Ser339) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316342	Rabbit	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CXCR4; Polyclonal Antibody; CXCR4 (Phospho-Ser339) Antibody; C-X-C chemokine receptor type 4; CXCR4; Stromal cell-derived factor 1 receptor; SDF-1 receptor; Fusin; Leukocyte-derived seven transmembrane domain receptor; LESTR; LCR1; FB22; NPYRL; HM89; CD184 antigen; anti-CXCR4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	CXCR4 (Phospho-Ser339) Antibody detects endogenous levels of CXCR4 only when phosphorylated at Ser339.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	356
Applicable Applications for anti-CXCR4 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S339; M:S346
Immunogen	The antiserum was produced against synthesized peptide derived from human CXCR4 around the phosphorylation site of Ser339.
Immunogen Range	303-352
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HUVEC cells treated with etoposide 25uM 24H, using CXCR4 (Phospho-Ser339) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using CXCR4 (Phospho-Ser339) Antibody. The picture on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using CXCR4 (Phospho-Ser339) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56790927
NCBI GeneID	7852
NCBI Accession #	NP_001008540.1
NCBI GenBank Nucleotide #	NM_001008540.2
UniProt Accession #	P61073; O60835; P30991; P56438; Q53S69; Q9BXA0; Q9UKN2; B2R5N0
Molecular Weight	39 kDa
NCBI Official Full Name	C-X-C chemokine receptor type 4 isoform a
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

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://stage.aaabiotech.com/polyclonal/cxcr4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/316342>