

Rabbit CXCR3 Polyclonal Antibody | anti-CXCR3 antibody

Rabbit Polyclonal (IgG) to Human CXCR3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52477	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CXCR3; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human CXCR3; Anti-CXCR3 Antibody (C-Terminus) IHC-plus; C-x-c chemokine receptor 3; CD183 antigen; CKR-L2; CXCR-3; CMKAR3; CD182; CD183; Cxcr3a; GPR9; IP-10 receptor; IP10-R; Mig receptor; MigR; Mig-R; Chemokine (C-X-C) receptor 3; CXCR3; Cxcr3b; G protein-coupled receptor 9; IP10 receptor; Human CXCR3; anti-CXCR3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CXCR3 antibody is human, mouse and rat reactive. At least two isoforms of CXCR3 are known to exist; this antibody will detect both isoforms.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	368
Applicable Applications for anti-CXCR3 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	19 amino acid peptide near the carboxy terminus of human CXCR3.
Immunogen Species	CXCR3 antibody was raised against Human
Immunogen	CXCR3 antibody was raised against 19 amino acid peptide near the carboxy terminus of human CXCR3.
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of CXCR3 in HepG2 lysate with CXCR3 antibody at (A) 1 and (B) 2 ug/ml.



IHC (Immunohistochemistry)

Anti-CXCR3 antibody IHC staining of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CXCR3 antibody	CXCR3, a Chemokine Receptor, is highly similar to the interleukine 8B receptor and has been shown to mediate recruitment of T cells to sites of inflammation and retention of T-cells in the inflamed CNS. CXCR3 has been suggested to be the principal inflammatory chemokine receptor involved in intrathecal accumulation of T-cells in multiple sclerosis and diabetes. It is expressed on malignant B cells in chronic lymphoproliferative disorders (Jones et al., 2000).
Product Categories/Family for anti-CXCR3 antibody	Family: GPCR; Subfamily: Chemokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504099
NCBI GeneID	2833
NCBI Accession #	NP_001495.1
NCBI GenBank Nucleotide #	NM_001504.1
UniProt Accession #	P49682; O15185; Q7Z710; Q9P2T4; Q9P2T5; B2R982
Molecular Weight	28,715 Da
NCBI Official Full Name	C-X-C chemokine receptor type 3 isoform 1
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 3
NCBI Official Symbol	CXCR3
NCBI Official Synonym Symbols	GPR9; MigR; CD182; CD183; Mig-R; CKR-L2; CMKAR3; IP10-R
NCBI Protein Information	C-X-C chemokine receptor type 3; CXC-R3; CXCR-3; Mig receptor; IP10 receptor; IP-10 receptor; G protein-coupled receptor 9; chemokine (C-X-C) receptor 3; interferon-inducible protein 10 receptor
UniProt Protein Name	C-X-C chemokine receptor type 3
UniProt Gene Name	CXCR3
UniProt Synonym Gene Names	GPR9; CXC-R3; CXCR-3; IP-10 receptor
UniProt Entry Name	CXCR3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cxcr3-antibody-western-blot-immunohistochemistry-elisa/52477>