

Rabbit anti-Human, Rat CXCR3 Polyclonal Antibody | anti-CXCR3 antibody

Anti-CXCR3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45663	Rabbit	Human, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CXCR3; Polyclonal Antibody; Anti-CXCR3 Antibody; CD183 antigen; CD183; chemokine (C-X-C motif) receptor 3; chemokine (C-X-C) receptor 3; CKR-L2IP-10 receptor; CMKAR3; C-X-C chemokine receptor type 3; CXC-R3; CXCR-3; G protein-coupled receptor 9CD182; GPR9; GPR9Mig-R; Interferon-inducible protein 10 receptor; IP10 receptor; IP10-R; Mig receptor; MigR CXCR3 CD182; CKR-L2; Mig-R; MigR C-X-C motif chemokine receptor 3 C-X-C chemokine receptor type 3|G protein-coupled receptor 9|IP-10 receptor|Mig receptor|chemokine (C-X-C motif) receptor 3|chemokine receptor 3|interferon-inducible protein 10 receptor; anti-CXCR3 antibody

PRODUCT SPECIFICATIONS

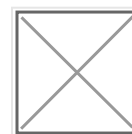
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	No cross reactivity with other proteins
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	368
Applicable Applications for anti-CXCR3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human CXCR3 recombinant protein (Position: M1-L368). Human CXCR3 shares 86% amino acid (aa) sequence identity with both mouse and rat CXCR3.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Reconstitution	0.2ml of distilled water will yield a concentration of 500ug/ml.
Recommended Detection Systems	Our lab recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG () for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit () for IHC-P.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemisry)

Anti-CXCR3 Picoband antibody, AAA45663-3.JPGIHC(P): Human Lung Cancer Tissue



IHC (Immunohiostchemistry)

Anti-CXCR3 Picoband antibody, AAA45663-2.JPGIHC(P): Human Tonsil Tissue



IHC (Immunohistochemistry)
Anti-CXCR3 Picoband antibody, AAA45663-1.JPGIHC(P): Rat Kidney Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-CXCR3 antibody	Background: Chemokine receptor CXCR3 is a Galphai protein-coupled receptor in the CXC chemokine receptor family. Other names for CXCR3 are G protein-coupled receptor 9 (GPR9) and CD183. It is mapped to Xq13.1. CXCR3 is expressed on malignant B cells from chronic lymphoproliferative disorders, particularly in patients with CLL, and represents a fully functional receptor involved in chemotaxis of malignant B lymphocytes. It is found that in the absence of known etiologic agents, CXCR3 represents a novel target for therapeutic interference early in type 1 diabetes. CXCR3 signaling is associated with MG pathogenesis and proposed that and CXCR3 may serve as novel drug targets to treat MG. CXCR3A and CXCR3B are involved in the chemotactic and vascular effects of CXCL4L1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2829400
NCBI GeneID	2833
UniProt Accession #	P49682; O15185; Q7Z710; Q9P2T4; Q9P2T5; B2R982
NCBI Official Full Name	C-X-C chemokine receptor type 3
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cxcr3-antibody-immunohistochemistry-western-blot-elisa/45663>