

Rabbit CCR3 Polyclonal Antibody | anti-CCR3 antibody

CCR3 Antibody

CATALOG # AAA307477	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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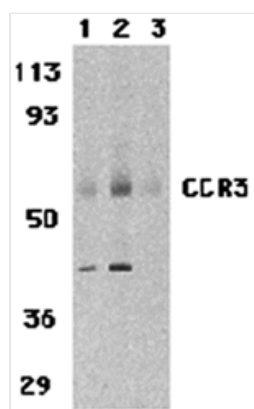
PRODUCT SYNONYMS

CCR3; Polyclonal Antibody; CCR3 Antibody; CC chemokine receptor 3; eosinophil eotaxin receptor; anti-CCR3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified IgG
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Sequence Length	355
Applicable Applications for anti-CCR3 antibody	WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 14 amino acid peptide from near the amino terminus of human CCR3.
Target Name	CCR3
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



WB (Western Blot)

Western blot analysis of CCR3 in human spleen tissue lysates with CCR3 antibody at 1 (lane 1) and 2 ug/mL (lane 2), and 2 ug/mL in the presence of blocking peptide (lane 3).

ADDITIONAL INFORMATION

Related Product Information for anti-CCR3 antibody	Human immunodeficiency virus (HIV) and related virus require coreceptors to infect target cells. Some G protein-coupled receptors including CCR5, CXCR4, CCR3, CCR2b, CCR8, GPR15, STRL33, and CX3CR1 in the chemokine receptor family were recently identified as HIV coreceptors. CCR5, CXCR4 and CCR3 are the principal receptors for HIV fusion and entry of target cells. CCR3 facilitates infection by a subset of virus. CCR3 and CCR5 promote efficient infection of microglia, the major target cells in the CNS. High levels of CCR3 and CXCR4 expression were found on the neurons from both the central and peripheral nervous systems. The CCR3 ligand, eotaxin, and an anti-CCR3 antibody inhibited HIV infection of microglia. These results indicate CCR3 plays an important role in HIV infection of CNS.
Product Categories/Family for anti-CCR3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	30581170
NCBI GeneID	1232
NCBI Accession #	NP_847899
NCBI GenBank Nucleotide #	NM_178329.2
Molecular Weight	43,453 Da
NCBI Official Full Name	C-C chemokine receptor type 3 isoform 1
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 3
NCBI Official Symbol	CCR3
NCBI Official Synonym Symbols	CKR3; CD193; CMKBR3; CC-CKR-3
NCBI Protein Information	C-C chemokine receptor type 3
UniProt Protein Name	C-C chemokine receptor type 3
UniProt Gene Name	CCR3
UniProt Synonym Gene Names	CMKBR3; C-C CKR-3; CC-CKR-3; CCR-3; CCR3; CKR3
UniProt Entry Name	CCR3_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.