Rabbit CCR3 Polyclonal Antibody | anti-CCR3 antibody

CCR3 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282057	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

CCR3; Polyclonal Antibody; CCR3 Rabbit pAb; CC-CKR-3; CD193; CKR3; CMKBR3; anti-CCR3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-CCR3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human CCR3
Cellular Location	Cell membrane, Multi-pass membrane protein
Positive Samples	HepG2, A-549, Raji, Mouse liver, Rat spleen
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded mouse spleen using CCR3 Rabbit pAb at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded rat spleen using CCR3 Rabbit pAb at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using CCR3 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR3 antibody	Background: The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-CCR3 antibody	Signal Transduction; G protein signaling; G-Protein-Coupled Receptors(GPCR); Research; Immunology & Inflammation; CDs; Research; Immunology & Inflammation; Cell Intrinsic Innate Immunity Signaling Pathway; Chemokines

NCBI AND UNIPROT INFORMATION

NCBI GI #	1705892
NCBI GeneID	1232
UniProt Accession #	P51677; Q15748; Q2YDB9; Q86WD2; Q8TDP6; Q9ULY8; B3KVQ1; F5GWL6
Molecular Weight	376
NCBI Official Full Name	C-C chemokine receptor type 3
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; CCR-3; C-C CKR-3; b-chemokine receptor; CC chemokine receptor 3; eosinophil eotaxin receptor; eosinophil CC chemokine receptor 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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/ccr3-antibody-immunohistochemistry-western-blot-elisa/282057