

Rabbit anti-Human CCR1 Polyclonal Antibody | anti-CCR1 antibody

CCR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323547	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

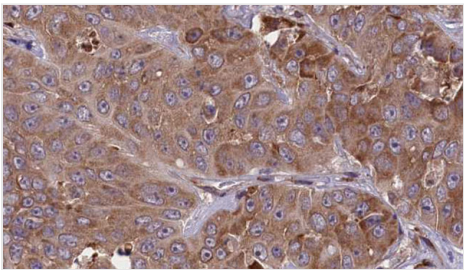
PRODUCT SYNONYMS

CCR1; Polyclonal Antibody; CCR1 Antibody; C C chemokine receptor type 1; C C CKR 1; C-C chemokine receptor type 1; C-C CKR-1; CC CKR 1; CC-CCR-1; CCR 1; CCR-1; CCR1_HUMAN; CD 191; CD191; CD191 antigen; Chemokine (C C motif) receptor 1; Chemokine C C motif receptor 1; CKR 1; CKR1; CMKBR 1; CMKBR1; CMKR 1; CMKR1; HM145; LD78 receptor; Macrophage inflammatory protein 1 alpha/Rantes receptor; Macrophage inflammatory protein 1 alpha receptor; Macrophage inflammatory protein 1-alpha receptor; Mip 1a R; MIP 1alpha R; MIP-1alpha-R; MIP1aR; RANTES R; RANTES receptor; RANTES-R; SCYAR1; anti-CCR1 antibody

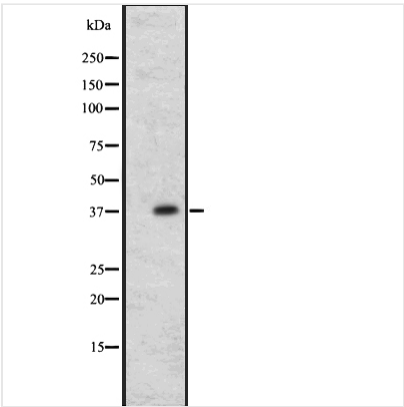
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CCR1 antibody detects endogenous levels of total CCR1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	355
Applicable Applications for anti-CCR1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Widely expressed in different hematopoietic cells.
Predicted Cross Reactivity	Bovine, Horse, Sheep
Similarity	Bovine (80%), Horse (90%), Sheep (80%)
Conjugation	Unconjugated

IMAGES



IHC (Immunohiostchemistry)
AAA323547 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of CCR1 expression in A431 whole cell lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR1 antibody	Description: Regulates CDK7, the catalytic subunit of the CDK-activating kinase (CAK) enzymatic complex. CAK activates the cyclin-associated kinases CDK1, CDK2, CDK4 and CDK6 by threonine phosphorylation. CAK complexed to the core-TFIIF basal transcription factor activates RNA polymerase II by serine phosphorylation of the repetitive C-terminus domain (CTD) of its large subunit (POLR2A), allowing its escape from the promoter and elongation of the transcripts. Involved in cell cycle control and in RNA transcription by RNA polymerase II. Its expression and activity are constant throughout the cell cycle. Function: Receptor for a C-C type chemokine. Binds to MIP-1-alpha, MIP-1-delta, RANTES, and MCP-3 and, less efficiently, to MIP-1-beta or MCP-1 and subsequently transduces a signal by increasing the intracellular calcium ions level. Responsible for affecting stem cell proliferation. Subunit Structure: Interacts with CREB3. Similarity: Belongs to the G-protein coupled receptor 1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502631
NCBI GeneID	1230
NCBI Accession #	NP_001286.1
NCBI GenBank Nucleotide #	NM_001295.2
UniProt Accession #	P32246; Q86VA9
Molecular Weight	Observed: 37.6 kDa Predicted: 42 kDa
NCBI Official Full Name	C-C chemokine receptor type 1
NCBI Official Synonym Full Names	C-C motif chemokine receptor 1
NCBI Official Symbol	CCR1
NCBI Official Synonym Symbols	CKR1; CD191; CKR-1; HM145; CMKBR1; MIP1aR; SCYAR1
NCBI Protein Information	C-C chemokine receptor type 1
UniProt Protein Name	C-C chemokine receptor type 1
UniProt Gene Name	CCR1
UniProt Synonym Gene Names	CMKBR1; CMKR1; SCYAR1; C-C CKR-1; CC-CKR-1; CCR-1; CCR1; MIP-1alpha-R

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://www.aaabiotech.com/polyclonal/ccr1-antibody-immunohistochemistry-western-blot-elisa/323547>