

Rabbit CCRL1 Polyclonal Antibody | anti-CCRL1 antibody

CCRL1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324230	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CCRL1; Polyclonal Antibody; CCRL1 Antibody; ACKR4; Atypical chemokine receptor 4; C C chemokine receptor type 11; C-C chemokine receptor type 11; C-C CKR-11; CC chemokine receptor like 1; CC chemokine receptor-like 1; CC CKR 11; CC-CKR-11; CCBP2; CCCKR11; CCR 11; CCR-11; CCR10; CCRL1_HUMAN; CCX CKR; Chemocentryx chemokine receptor; Chemokine (C C motif) receptor like 1; Chemokine cc motif receptor like protein 1; Chemokine receptor like 1; CKR11; CKRB; Orphan seven transmembrane receptor chemokine related; PPR1; VSHK1; anti-CCRL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CCRL1 antibody detects endogenous levels of total CCRL1
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	350
Applicable Applications for anti-CCRL1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Predominantly expressed in heart. Lower expression in lung, pancreas, spleen, colon, skeletal muscle and small intestine.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Bovine (90%), Horse (90%), Sheep (90%), Rabbit (90%), Dog (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using CCRL1 antibody.



IF (Immunofluorescence)
AAA324230 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from rat kidney, using CCRL1 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CCRL1 antibody

Function: Atypical chemokine receptor that controls chemokine levels and localization via high-affinity chemokine binding that is uncoupled from classic ligand-driven signal transduction cascades, resulting instead in chemokine sequestration, degradation, or transcytosis. Also known as interceptor (internalizing receptor) or chemokine-scavenging receptor or chemokine decoy receptor. Acts as a receptor for chemokines CCL2, CCL8, CCL13, CCL19, CCL21 and CCL25. Chemokine-binding does not activate G-protein-mediated signal transduction but instead induces beta-arrestin recruitment, leading to ligand internalization. Plays an important role in controlling the migration of immune and cancer cells that express chemokine receptors CCR7 and CCR9, by reducing the availability of CCL19, CCL21, and CCL25 through internalization. Negatively regulates CXCR3-induced chemotaxis. Regulates T-cell development in the thymus.

Subunit Structure: Forms heteromers with CXCR3. Interacts with ARRB1 and ARRB2.

Post-translational Modifications: The Ser/Thr residues in the C-terminal cytoplasmic tail may be phosphorylated.

Similarity: Belongs to the G-protein coupled receptor 1 family. Atypical chemokine receptor subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706769
NCBI GeneID	51554
NCBI Accession #	NP_057641.1
NCBI GenBank Nucleotide #	NM_016557.3
UniProt Accession #	Q9NPB9; B2R9U7
Molecular Weight	Observed: 40 kD Predicted: 40 kDa
NCBI Official Full Name	atypical chemokine receptor 4
NCBI Official Synonym Full Names	atypical chemokine receptor 4
NCBI Official Symbol	ACKR4
NCBI Official Synonym Symbols	PPR1; CCBP2; CCR10; CCR11; CCRL1; VSHK1; CCR-11; CKR-11; CCX CKR; CCX-CKR; CC-CKR-11
NCBI Protein Information	atypical chemokine receptor 4
UniProt Protein Name	Atypical chemokine receptor 4
UniProt Gene Name	ACKR4
UniProt Synonym Gene Names	CCBP2; CCR11; CCRL1; VSHK1; C-C CKR-11; CC-CKR-11; CCR-11; CCRL1

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/ccrl1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324230>