10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

CCRL1 Polyclonal Antibody
Catalog # AP68896

Specification

CCRL1 Polyclonal Antibody - Product Information

Application	**WB, IF**
Primary Accession	Q9NPB9
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**

CCRL1 Polyclonal Antibody - Additional Information

Gene ID 51554

Other Names
CCRL1; CCBP2; CCR11; VSHK1; C-C chemokine receptor type 11; C-C CKR-11; CC-CKR-11; CCR-11; CC chemokine receptor-like 1; CCRL1; CCX CKR

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
IF~~1:50~200

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

CCRL1 Polyclonal Antibody - Protein Information

Name ACKR4

Synonyms CCBP2, CCR11, CCRL1, VSHK1

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.

Cellular Location
Early endosome. Recycling endosome. Cell membrane; Multi-pass membrane protein. Note=Predominantly localizes to endocytic vesicles, and upon stimulation by the ligand is internalized via caveolae. Once internalized, the ligand dissociates from the receptor, and is targeted to degradation while the receptor is recycled back to the cell membrane

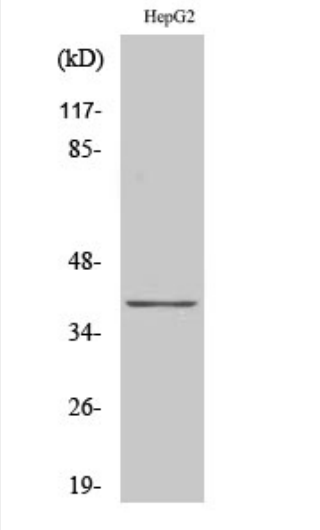
Tissue Location
Predominantly expressed in heart. Lower expression in lung, pancreas, spleen, colon, skeletal muscle and small intestine

CCRL1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCRL1 Polyclonal Antibody - Images



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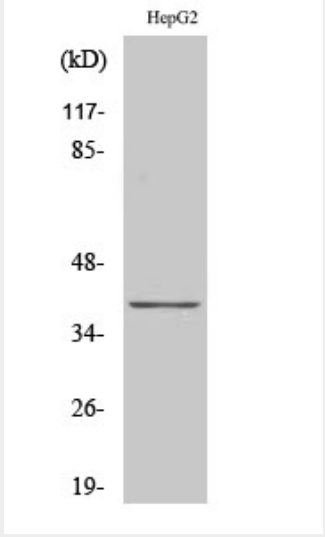

CCRL1 Polyclonal Antibody - Background

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