

Datasheet for ABIN3043172
anti-CCR4 antibody (Middle Region)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CCR4
Binding Specificity:	AA 346-360, Middle Region
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit IgG polyclonal antibody for C-C chemokine receptor type 4(CCR4) detection. Tested with WB in Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of mouse CCR4(346-360aa, SYTQSTVDHDFRDAL), identical to the related rat sequence.
Sequence:	SYTQSTVDHD FRDAL
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for C-C chemokine receptor type 4(CCR4) detection. Tested with WB in Mouse,Rat.</p> <p>Gene Name: chemokine(C-C motif) receptor 4</p> <p>Protein Name: C-C chemokine receptor type 4(C-C CKR-4/CC-CKR-4/CCR-4/CCR4)</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	CCR4
Alternative Name:	CCR4 (CCR4 Products)
Background:	<p>CCR4, C-C chemokine receptor type 4 is a protein that in humans is encoded by the CCR4 gene. CCR4 has also recently been designated CD194 (cluster of differentiation 194). The protein encoded by this gene belongs to the G protein-coupled receptor family. It is a receptor for the following CC chemokines. The CCR4 gene is mapped to chromosome 3. Chemokines are a group of small structurally related proteins that regulate cell trafficking of various types of leukocytes. The chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis.</p> <p>Synonyms: C C chemokine receptor type 4 antibody C C CKR 4 antibody C-C chemokine receptor type 4 antibody C-C CKR-4 antibody CC CKR 4 antibody CC-CKR-4 antibody CCR 4 antibody CCR-4 antibody CCR4 antibody CCR4_HUMAN antibody CD194 antibody Chemokine(CC motif) receptor 4 antibody chemokine C C motif receptor 4 antibody ChemR13 antibody CKR4 antibody CMKBR 4 antibody CMKBR4 antibody HGCN 14099 antibody K5 5 antibody K5-5 antibody MGC88293 antibody</p>
UniProt:	P51680

Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse, Rat</p> <p>Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities.</p> <p>Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg

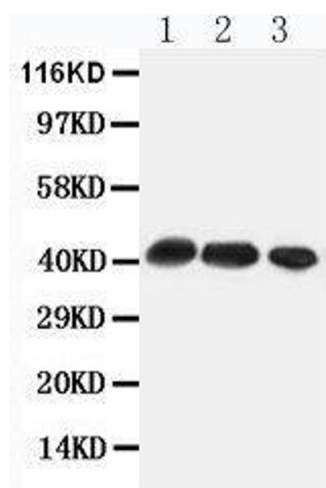
Handling

	Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

Publications

Product cited in:	Xu, Tang, Li, Shi, Chen, Liang: "Positional and expressive alteration of prohibitin during the induced differentiation of human hepatocarcinoma SMMC-7721 cells." in: World journal of gastroenterology , Vol. 14, Issue 32, pp. 5008-14, (2008) (PubMed).
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Images



Western Blotting

Image 1. Anti-CCR4 antibody, Western blotting All lanes: Anti CCR4 at 0.5ug/ml Lane 1: Rat Thymus Tissue Lysate at 50ug Lane 2: Rat Spleen Tissue Lysate at 50ug Lane 3: HEPA Whole Cell Lysate at 40ug Predicted bind size: 41KD Observed bind size: 41KD