

CCR7 Polyclonal Antibody

catalog number: **E-AB-90934**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

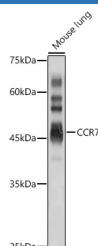
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human CCR7
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

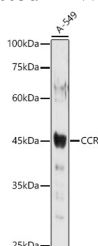
Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:200

Data



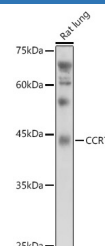
Western blot analysis of extracts of Mouse lung using CCR7 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:45 kDa
Calculated-MW:42 kDa



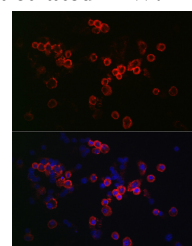
Western blot analysis of extracts of A-549 cells using CCR7 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:45 kDa
Calculated-MW:42 kDa



Western blot analysis of extracts of Rat lung using CCR7 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:45 kDa
Calculated-MW:42 kDa



Immunofluorescence analysis of RAW264.7 cells using CCR7 Polyclonal Antibody at dilution of 1:50 (40x lens).
Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

The protein encoded by this gene is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes. It has been shown to control the migration of memory T cells to inflamed tissues, as well as stimulate dendritic cell maturation. The chemokine (C-C motif) ligand 19 (CCL19/ECL) has been reported to be a specific ligand of this receptor. Signals mediated by this receptor regulate T cell homeostasis in lymph nodes, and may also function in the activation and polarization of T cells, and in chronic inflammation pathogenesis. Alternative splicing of this gene results in multiple transcript variants.

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