CCR7 Polyclonal Antibody

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

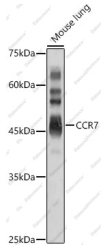
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

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

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

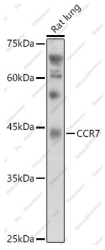
Data



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

Observed-MW:45 kDa

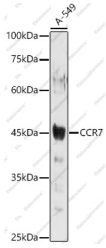
Calculated-MW:42 kDa



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

Observed-MW:45 kDa

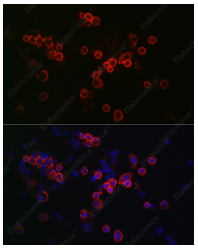
Calculated-MW:42 kDa



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



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

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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