

Anti-Eotaxin 3 Antibody
Catalog # ABO10771**Specification**

Anti-Eotaxin 3 Antibody - Product Information

Application	WB
Primary Accession	Q9Y258
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for C-C motif chemokine 26(CCL26) detection. Tested with WB in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Eotaxin 3 Antibody - Additional Information

Gene ID 10344

Other Names

C-C motif chemokine 26, CC chemokine IMAC, Eotaxin-3, Macrophage inflammatory protein 4-alpha, MIP-4-alpha, Small-inducible cytokine A26, Thymic stroma chemokine-1, TSC-1, CCL26, SCYA26

Calculated MW

10648 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Secreted.

Tissue Specificity

Ubiquitously expressed at low levels in various tissues including heart and ovary.

Protein Name

C-C motif chemokine 26

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human Eotaxin 3(73-94aa CTHPRKKWVQKYISLLKTPKQL).

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

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.

Sequence Similarities

Belongs to the intercrine beta (chemokine CC) family.

Anti-Eotaxin 3 Antibody - Protein Information

Name CCL26 ([HGNC:10625](#))

Function

Chemoattractant for eosinophils and basophils (PubMed: [10415065](http://www.uniprot.org/citations/10415065), PubMed: [10488147](http://www.uniprot.org/citations/10488147)). Acts as a ligand for C-C chemokine receptor CCR3 which triggers Ca²⁺ mobilization in eosinophils (PubMed: [10415065](http://www.uniprot.org/citations/10415065), PubMed: [10488147](http://www.uniprot.org/citations/10488147), PubMed: [11425309](http://www.uniprot.org/citations/11425309)). Also acts as a ligand for CX3C chemokine receptor CX3CR1, inducing cell chemotaxis (PubMed: [20974991](http://www.uniprot.org/citations/20974991)).

Cellular Location

Secreted.

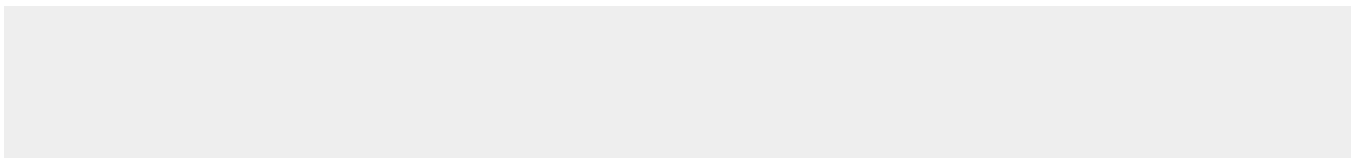
Tissue Location

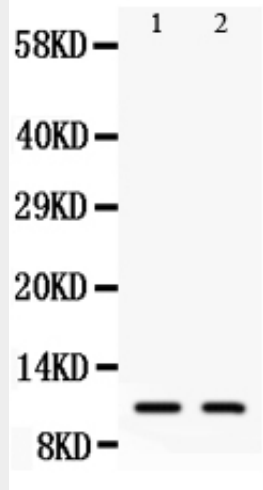
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Anti-Eotaxin 3 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Eotaxin 3 Antibody - Images



Anti-Eotaxin3 antibody, ABO10771, Western blotting All lanes: Anti Eotaxin3 (ABO10771) at 0.5ug/ml
Lane 1: COLO320 Whole Cell Lysate at 40ug
Lane 2: A549 Whole Cell Lysate at 40ug
Predicted bind size: 11KD
Observed bind size: 11KD

Anti-Eotaxin 3 Antibody - Background

Eotaxin-3 is a small cytokine belonging to the CC chemokine family that is also called CCL26, Chemokine(C-C motif) ligand 26. Chemokines play pivotal roles in health and disease by controlling migration and tissue localization of specific types of cells expressing their cognate receptors. Eotaxin-3 is chemotactic for eosinophils and basophils and elicits its effects by binding to the cell surface chemokine receptor CCR3. It is expressed by several tissues including heart, lung and ovary, and in endothelial cells that have been stimulated with the cytokine interleukin 4. This gene for chemokine is located on human chromosome 7. Eotaxin-3 induced migration of eosinophils and basophils only at a 10-fold higher concentration than eotaxin.