

Anti-Eotaxin 3 Picoband Antibody
Catalog # ABO11782**Specification**

Anti-Eotaxin 3 Picoband Antibody - Product Information

Application	WB, IHC-P
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, IHC-P in Human.

Reconstitution

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

Anti-Eotaxin 3 Picoband 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

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat
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 NaN₃.

Immunogen

E.coli-derived human Eotaxin 3 recombinant protein (Position: T24-L94).

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 Picoband 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.

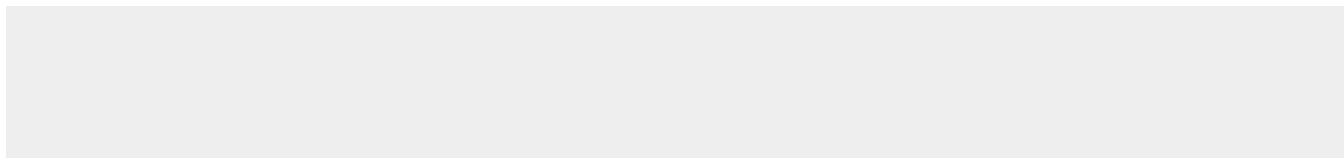
Tissue Location

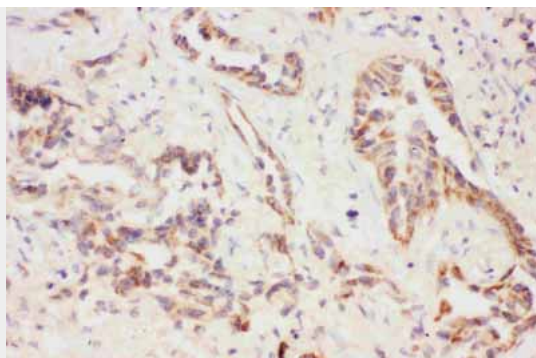
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Anti-Eotaxin 3 Picoband Antibody - Protocols

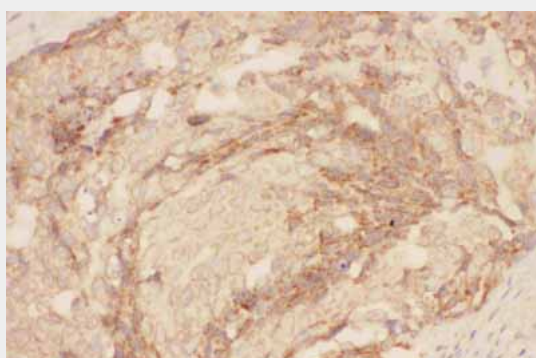
Provided below are standard protocols that you may find useful for product applications.

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

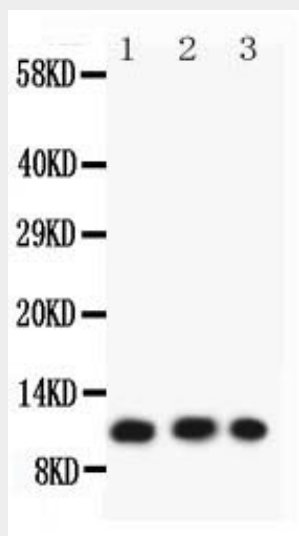
Anti-Eotaxin 3 Picoband Antibody - Images



Anti-Eotaxin 3 Picoband antibody, ABO11782-1.JPGIHC(P): Human Lung Cancer Tissue



Anti-Eotaxin 3 Picoband antibody, ABO11782-2.JPGIHC(P): Human Mammary Cancer Tissue



Anti-Eotaxin 3 Picoband antibody, ABO11782-3.jpgAll lanes: Anti-Eotaxin 3(ABO11782) at 0.5ug/mlLane 1: Colo320 Whole Cell Lysate at 40ugLane 2: A549 Whole Cell Lysate at 40ugLane 3: HT1080 Whole Cell Lysate at 40ugPredicted bind size: 11KDObserved bind size: 11KD

Anti-Eotaxin 3 Picoband 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.