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Anti-Eotaxin 3 Antibody

Catalog # ABO10771

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.

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
Application Details	Western blot, 0.1-0.5 □g/ml, Human
Subcellular Localization	Secreted.
Tissue Specificity	Ubiquitously expressed at low levels in various tissues including heart and ovary.
Source	Eukaryota
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 r˚Constitution, 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.

Protein Information

Name	CCL26 (HGNC:10625)
Function	Chemoattractant for eosinophils and basophils (PubMed: 10415065, PubMed:10488147). Acts as a ligand for C-C chemokine receptor CCR3 which triggers Ca(2+) mobilization in eosinophils (PubMed:10415065, PubMed:10488147, PubMed:11425309). Also acts as a ligand for CX3C chemokine receptor CX3CR1, inducing cell chemotaxis (PubMed:20974991).
Cellular Location	Secreted.
Tissue Location	Ubiquitously expressed at low levels in various tissues including heart and ovary.

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.

Images



Anti-Eotaxin3 antibody, ABO10771, Western blottingAll lanes: Anti Eotaxin3 (ABO10771) at 0.5ug/mlLane 1: COLO320 Whole Cell Lysate at 40ugLane 2: A549 Whole Cell Lysate at 40ugPredicted bind size: 11KDObserved bind size: 11KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.