



Rabbit Anti-Lymphotactin antibody

SL11287R

Product Name:	Lymphotactin
Chinese Name:	lymphocyteChemokine抗体
Alias:	Lptn; LTN; XCL1 C motif chemokine 1; SCM 1 alpha; ATAC; Chemokine C Motif Ligand 1; Cytokine SCM-1; LPTN; LTN; Lymphotactin; Lymphotaxin; SCM-1-alpha; SCM1; SCYC1; Small inducible cytokine C1; Small Inducible Cytokine Subfamily C Member 1; Small-inducible cytokine C1; XC chemokine ligand 1; Xcl1; XCL1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500(Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	10kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Lymphotactin:21-120/114
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Lymphotactin is a chemokine-like molecule produced selectively, if not exclusively, by activated CD8+ T cells (1). Lymphotactin is a C-type member of the chemokine superfamily, but retains only the 2nd and 4th of the four cysteine residues conserved in

other chemokines (3,4). In normal tissues, lymphotactin is expressed at high levels in spleen, thymus, small intestine, and peripheral blood leukocytes, as well as at low levels in lung, prostate, and ovary (2). Lymphotactin is chemotactic for CD4+ and CD8+ T cells but not for monocytes, and induces a rise in intracellular calcium in peripheral blood lymphocytes (1). The specific receptor for lymphotactin is XCR1, a member of the G protein-coupled receptor family (5). The gene which encodes lymphotactin maps to human chromosome 1q23 (1,2).

Function:

Chemotactic activity for lymphocytes but not for monocytes or neutrophils.

Subcellular Location:

Secreted.

Tissue Specificity:

Highest level in spleen, lower in peripheral leukocytes and very low levels in lung, colon and small intestine.

Similarity:

Belongs to the intercrine gamma family.

SWISS:

P47992

Gene ID:

6375

Database links:

[Entrez Gene: 6375](#) Human

[Omim: 600250](#) Human

[SwissProt: P47992](#) Human

[Unigene: 546295](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.