



Anti-XCL1 polyclonal antibody [Biotin] (DPABY-401)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Lymphotactin (Lptn), also known as SCM-1a and ATAC, belongs to the C or gamma subfamily of chemokines and has been designated XCL1. Human Lymphotactin encodes a 114 amino acid (aa) precursor with a 21 aa predicted signal peptide. The gene for lymphotactin has been mapped to chromosome 1 in both human and mouse.
Specificity	Detects human XCL1 in ELISAs and Western blots. In sandwich immunoassays, less than 0.15% cross-reactivity with recombinant mouse XCL1, recombinant human (rh) Eotaxin, and rhEotaxin-2 is observed.
Immunogen	E. coli-derived recombinant human XCL1/Lymphotactin . Val22-Gly114 Accession Number P47992
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Procedure	Matched Antibody Pairs
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

Preservative	None
Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p>

GENE INFORMATION

Gene Name	XCL1 chemokine (C motif) ligand 1 [Homo sapiens (human)]
Official Symbol	XCL1
Synonyms	XCL1; chemokine (C motif) ligand 1; LTN; ATAC; LPTN; SCM1; SCM-1; SCM1A; SCYC1; SCM-1a; lymphotactin; SCM-1-alpha; lymphotaxin; cytokine SCM-1; c motif chemokine 1; XC chemokine ligand 1; single cysteine motif 1a; small-inducible cytokine C1; small induci
Entrez Gene ID	6375
Protein Refseq	NP_002986
UniProt ID	P47992
Chromosome Location	1q23
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (q) signalling events; GPCR downstream signaling; GPCR ligand binding; Gastrin-CREB signalling pathway
Function	chemokine activity; chemokine receptor binding; protein homodimerization activity;