

CCL27 Rabbit pAb

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Catalog # AP94065

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9Z1X0
Reactivity	Human
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13464
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse CCL27
Epitope Specificity	25-112/164
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The protein encoded by this gene is chemotactic for skin-associated memory T lymphocytes. This cytokine may also play a role in mediating homing of lymphocytes to cutaneous sites. It specifically binds to chemokine receptor 10 (CCR10). Studies of a similar murine protein indicate that these protein-receptor interactions have a pivotal role in T cell-mediated skin inflammation. [provided by RefSeq].

Additional Information

Gene ID	20301
Other Names	C-C motif chemokine 27, CC chemokine ILC, Cutaneous T-cell-attracting chemokine, CTACK, ESkin, IL-11 R-alpha-locus chemokine, ALP, mILC, Skinkine, Small-inducible cytokine A27, Ccl27, Ilc, Scya27
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

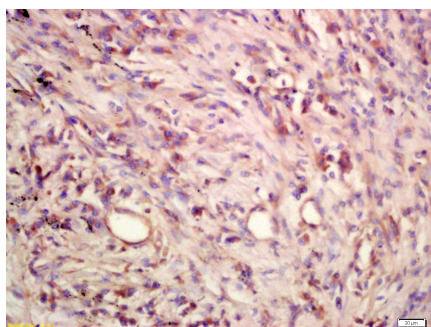
Protein Information

Name	Ccl27
Synonyms	Ilc, Scya27
Function	Chemotactic factor that attracts skin-associated memory T- lymphocytes. May play a role in mediating homing of lymphocytes to cutaneous sites. May play a role in cell migration during embryogenesis. Nuclear forms may facilitate cellular migration by inducing cytoskeletal relaxation. Binds to CCR10.
Cellular Location	[Isoform 1]: Secreted. Nucleus Note=May also be nuclear when following receptor (CCR10)-mediated internalization.
Tissue Location	Isoform 1 is predominantly expressed in placenta and weakly in skin. Isoform 2 is predominantly expressed in testes and brain, weakly in kidney and liver and even lower in heart and muscle Low expression of both isoforms in other tissues

Background

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Images



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-CCL27 Polyclonal Antibody, Unconjugated(AP94065) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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