

CCL27 Rabbit pAb

CCL27 Rabbit pAb Catalog # AP94065

Specification

CCL27 Rabbit pAb - Product Information

Application IHC-P, IHC-F, IF

Primary Accession
Reactivity
Mouse
Host
Clonality
Calculated MW
Physical State

O9Z1X0
Mouse
Rabbit
Polyclonal
19 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from mouse CCL27

Epitope Specificity 25-112/164

Isotype IgG
Purity

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Secreted.

SIMILARITY Belongs to the intercrine beta (chemokine

CC) family.

SUBUNIT Monomer, dimer, and tetramer. Heparin

avidly promotes oligomerization.

Important Note

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

affinity purified by Protein A

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].

CCL27 Rabbit pAb - Additional Information

Gene ID 20301

Other Names

C-C motif chemokine 27, CC chemokine ILC, Cutaneous T-cell-attracting chemokine, CTACK, ESkine, IL-11 R-alpha-locus chemokine, ALP, mILC, Skinkine, Small-inducible cytokine A27, Ccl27, Ilc, Scya27

Target/Specificity



Testis, thymus, placenta, ovary and skin.

Dilution

IHC-P~~N/A<br \> IHC-F~~N/A<br \> IF~~1:50~200

Storage

Store at -20 $^{\circ}$ 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 $^{\circ}$ C.

CCL27 Rabbit pAb - 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

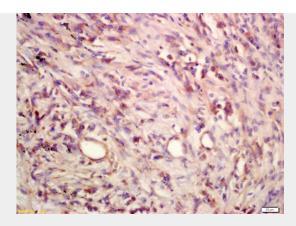
CCL27 Rabbit pAb - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCL27 Rabbit pAb - 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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