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CCL3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8527b

Product Information

Application	WB, IHC-P, E
Primary Accession	P10147
Other Accession	P16619
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21614
Calculated MW	10085
Antigen Region	59-87

Additional Information

Gene ID	6348
Other Names	C-C motif chemokine 3, G0/G1 switch regulatory protein 19-1, Macrophage inflammatory protein 1-alpha, MIP-1-alpha, PAT 4641, SIS-beta, Small-inducible cytokine A3, Tonsillar lymphocyte LD78 alpha protein, MIP-1-alpha(4-69), LD78-alpha(4-69), CCL3, G0S19-1, MIP1A, SCYA3
Target/Specificity	This CCL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-87 amino acids from the C-terminal region of human CCL3.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CCL3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CCL3
Synonyms	G0S19-1, MIP1A, SCYA3

Function	Monokine with inflammatory and chemokinetic properties. Binds to CCR1, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-alpha induces a dose- dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV).
Cellular Location	Secreted.

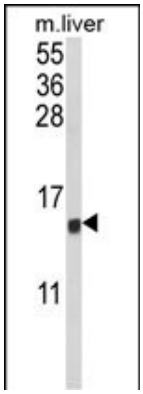
Background

Macrophage inflammatory protein-1 is a so-called monokine that is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes.

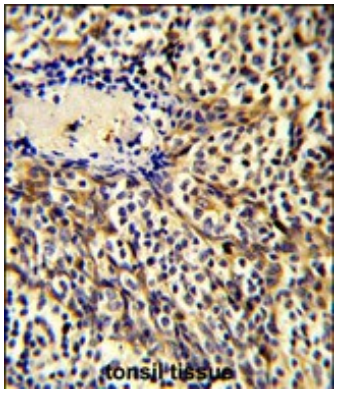
References

Hirashima,M., et.al., DNA Seq. 3 (4), 203-212 (1992) Blum,S., et.al., DNA Cell Biol. 9 (8), 589-602 (1990)

Images



Western blot analysis of CCL3 Antibody (C-term) (Cat. #AP8527b) in mouse liver tissue lysates (35ug/lane). CCL3 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human tonsil tissue reacted with CCL3 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Citations

- CCR1 Inhibition Ameliorates the Progression of Lupus Nephritis in NZB/W Mice.
- Increased infiltrated macrophages in benign prostatic hyperplasia (BPH): role of stromal androgen receptor in macrophage-induced prostate stromal cell proliferation.

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