C-C motif chemokine 5 Polyclonal Antibody

Catalog No: #42445

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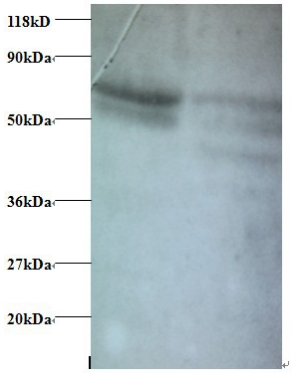
Description

Product Name	C-C motif chemokine 5 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total C-C motif chemokine 5 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human C-C motif chemokine 5 protein
Target Name	C-C motif chemokine 5
Other Names	CCL5
Accession No.	Swiss-Prot#: P13501
Uniprot	P13501
GeneID	6352;
Calculated MW	10kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:1000

Images



All lanes : C-C motif chemokine 5 antibody at at 2ug/mlLane 1 : EC109 whole cell lysateLane 2 : 293T whole cell lysate
SecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size : 10 kDa
Observed band size: 70 kDa

Background

Chemoattractant for blood monocytes, memory T-helper cells and eosinophils. Causes the release of histamine from basophils and activates eosinophils. Binds to CCR1, CCR3, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant RANTES protein induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form RANTES(3-68) acts as a natural chemotaxis inhibitor and is a more potent inhibitor of HIV-1-infection. The second processed form RANTES(4-68)

exhibits reduced chemotactic and HIV-suppressive activity compared with RANTES(1-68) and RANTES(3-68) and is generated by an unidentified enzyme associated with monocytes and neutrophils.

References

[1] "A human T cell-specific molecule is a member of a new gene family."Schall T.J., Jongstra J., Dyer B.J., Jorgensen J., Clayberger C., Davis M.M., Krensky A.M.J. Immunol. 141:1018-1025(1988) [2] "Organization of the chemokine gene cluster on human ch

Note: This product is for in vitro research use only