

Rabbit CCL4 Polyclonal Antibody | anti-CCL4 antibody

CCL4 Antibody

CATALOG # AAA40506	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
------------------------------	-----------------------	--	--

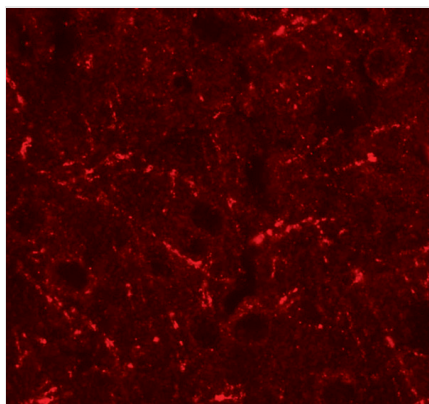
PRODUCT SYNONYMS

CCL4; Polyclonal Antibody; CCL4 Antibody; ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; AT744.1; MIP-1-beta; C-C motif chemokine 4; G-26 T-lymphocyte-secreted protein; chemokine (C-C motif) ligand 4; anti-CCL4 antibody

PRODUCT SPECIFICATIONS

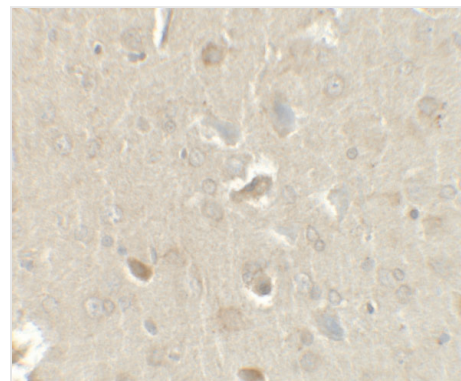
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	CCL4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	92
Applicable Applications for anti-CCL4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal CCL4 antibody was raised against a 15 amino acid peptide near the center of human CCL4.
Buffer	CCL4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CCL4 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



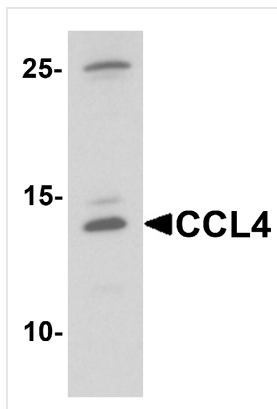
IF (Immunofluorescence)

Immunofluorescence of CCL4 in rat brain tissue with CCL4 antibody at 20 μg/ml.



IHC (Immunohistochemistry)

Immunohistochemistry of CCL4 in rat brain tissue with CCL4 antibody at 2.5 μg/ml.



WB (Western Blot)
Western blot analysis of CCL4 in rat brain tissue lysate with CCL4 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CCL4 antibody	CCL4 Antibody: CCL4, also known as macrophage inflammatory protein 1-beta (MIP1B), belongs to the intercrine beta (chemokine CC) family. Both CCL4 and the related protein CCL3 participate in the host response to invading bacterial, viral, parasite and fungal pathogens by regulating the trafficking and activation state of selected subgroups of inflammatory cells. While both CCL4 and CCL3 exert similar effects on monocytes, their effect on lymphocytes differ; with CCL4 selectively attracting CD4+ lymphocytes and CCL3 selectively attracting CD8+ lymphocytes. Additionally, both have been shown to be potent chemoattractants for B cells, eosinophils and dendritic cells. The processed form of CCL4 can induce down-modulation of surface expression of the chemokine receptor CCR5, thus inhibiting the CCR5-mediated entry of HIV-1 in T cells.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506845
NCBI GeneID	6351
NCBI Accession #	NP_002975
NCBI GenBank Nucleotide #	NM_002984.3
UniProt Accession #	P13236; P22617; Q13704; Q3SXL8; Q6FGI8
Molecular Weight	Predicted: 10 kDa
NCBI Official Full Name	C-C motif chemokine 4
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 4
NCBI Official Symbol	CCL4
NCBI Official Synonym Symbols	ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; AT744.1; MIP-1-beta
NCBI Protein Information	C-C motif chemokine 4; PAT 744; SIS-gamma; MIP-1-beta(1-69); secreted protein G-26; T-cell activation protein 2; G-26 T-lymphocyte-secreted protein; lymphocyte activation gene 1 protein; macrophage inflammatory protein 1-beta; small inducible cytokine A4 (homologous to mouse Mip-1b)
UniProt Protein Name	C-C motif chemokine 4
UniProt Gene Name	CCL4
UniProt Synonym Gene Names	LAG1; MIP1B; SCYA4; LAG-1; MIP-1-beta; ACT-2
UniProt Entry Name	CCL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

