

Datasheet for ABIN3043738
anti-CCL1 antibody (AA 24-96)[Go to Product page](#)

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Overview

Quantity:	100 µg
Target:	CCL1
Binding Specificity:	AA 24-96
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit IgG polyclonal antibody for C-C motif chemokine 1(CCL1) detection. Tested with WB, ELISA in Human.
Immunogen:	E.coli-derived human I-309 recombinant protein (Position: K24-K96). Human I-309 shares 38% amino acid (aa) sequence identity with mouse I-309.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for C-C motif chemokine 1(CCL1) detection. Tested with WB, ELISA in Human.</p> <p>Gene Name: chemokine (C-C motif) ligand 1</p> <p>Protein Name: C-C motif chemokine 1</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	CCL1
Alternative Name:	CCL1 (CCL1 Products)
Background:	<p>CCL1, Chemokine (C-C motif) ligand 1, is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutrophils. It binds to the chemokine receptor CCR8.</p> <p>Synonyms: C-C motif chemokine 1 antibody Ccl1 antibody CCL1_HUMAN antibody Chemokine CC Motif Ligand 1 antibody inflammatory cytokine I-309 antibody P500 antibody SCYA1 antibody SISe antibody small inducible cytokine A1 antibody Small-inducible cytokine A1 antibody T lymphocyte secreted protein I-309 antibody T lymphocyte-secreted protein I-309 antibody TCA3 antibody</p>
Gene ID:	6346
UniProt:	P22362

Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, The detection limit for I-309 is approximately 0.25 ng/lane under reducing conditions.</p> <p>ELISA: Concentration: 0.1-0.5 µg/mL, Tested Species: Human</p> <p>Notes: Tested Species: Species with positive results.</p> <p>Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB.
Restrictions:	For Research Use only

Handling

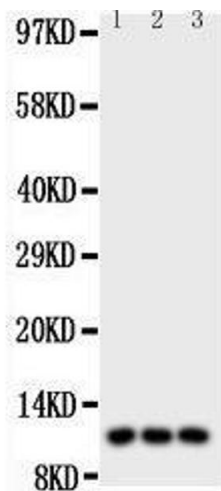
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Publications

Product cited in:	Mao, Lu, Wang, Tian, Huang, Feng, Zhang, Chang: "Role of PI3K p110 β in the differentiation of human embryonic stem cells into islet-like cells." in: Biochemical and biophysical research communications , Vol. 488, Issue 1, pp. 109-115, (2017) (PubMed).
	Wang, Zhou, Zhang, Wu, Zhang, Zhang: "Identification and localization of gastrointestinal hormones in the skin of the bullfrog <i>Rana catesbeiana</i> during periods of activity and hibernation." in: Acta histochemica , Vol. 116, Issue 8, pp. 1418-26, (2014) (PubMed).
	Chen, He, Peng, Liu, Jin, Cao, Wang, Xiao: "An immunohistochemical study of somatostatin in the stomach and the small intestine of the African ostrich (<i>Struthio camelus</i>)." in: Tissue & cell , Vol. 45, Issue 6, pp. 363-6, (2013) (PubMed).
	Jiang, Deng, Duan, Chen, Xiang, Lu, Ma: "Somatostatin receptors SSTR2 and SSTR5 are expressed in the human thoracic duct." in: Lymphology , Vol. 44, Issue 1, pp. 21-8, (2011) (PubMed).
	Zong, Chen, Zhang, Zou: "Effects of intra-gastric beta-casomorphin-7 on somatostatin and gastrin gene expression in rat gastric mucosa." in: World journal of gastroenterology , Vol. 13, Issue 14, pp. 2094-9, (2007) (PubMed).



Western Blotting

Image 1.