

Product datasheet for **AP09165PU-S**

CCL3L3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Western Blot: 1,0 µg/ml. ELISA.
Reactivity:	Porcine
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein raised in yeast, corresponding to the 70 amino acids of the mature swine CCL3L1 protein.
Specificity:	This antibody reacts to CCL3L1.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide State: Aff - Purified State: Lyophilized
Reconstitution Method:	Restore with 0.1 mL of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-C motif chemokine ligand 3 like 3
Database Link:	Entrez Gene 414062 Human P16619



[View online »](#)

Background:

Chemokine (C-C motif) ligand 3-like 1 (CCL3L1), also known as macrophage inflammatory protein 1 alpha (MIP-1 alpha; other synonyms: Id78beta, scya311, small inducible cytokine a3-like 1), is a member of the CC or beta chemokine subfamily that was originally purified from the conditioned media of an LPS-stimulated murine macrophage cell line. In humans, CCL3L1 is encoded by a variable copy-number gene. The CC family induces MCP1 and RANTES, and exhibits a variety of proinflammatory activities including chemotaxis, and functional and proliferative activation of leukocytes, lymphocytes, and macrophages. Its signal is transmitted through transmembrane receptors, CC chemokine receptors, CCR1, CCR3 and CCR5. CCL3L1/MIP-1 alpha acts as a chemoattractant to a variety of cells including monocytes, T cells, B cells and eosinophils. CCL3L1 binds to several chemokine receptors. In humans these receptors include chemokine binding protein 2 and chemokine (C-C motif) receptor 5 (CCR5). CCR5 is a co-receptor for HIV, and binding of this protein to CCR5 inhibits HIV entry. In swine, CCL3L1 protein is 86% similar to CCL4 protein, and 73% similar to CCL5.

Synonyms:

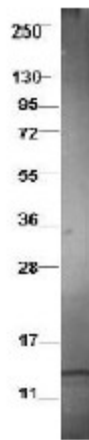
C-C motif chemokine 3-like 1, Small-inducible cytokine A3-like 1, D17S1718, G0S19-2, SCYA3L1

Protein Families:

Druggable Genome

Protein Pathways:

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images:

Western blot using Protein-A Purified Anti-swine CCL3L1 antibody shows detection of recombinant swine CCL3L1 at 7.8kDa (arrow) raised in yeast. Protein was purified and resolved by SDS-PAGE, transferred to PVDF membrane. Membrane was blocked with 3% BSA (BSA-30, diluted 1:10), and probed with Anti-swine CCL3L1. After washing, membrane was probed with Dylight (TM)649 Conjugated Anti-Rabbit IgG (H&L) (Donkey) Antibody.