

Product datasheet for **AP51143PU-N**

CXCL11 (C-term) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | ELISA: 1/1000. Western Blot: 1/100 - 1/500. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | KLH conjugated synthetic peptide between 63-93 amino acids from the C-terminal region of human CXCL11 |
| Specificity: | This antibody reacts to CXCL11. |
| Formulation: | PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide |
| Concentration: | lot specific |
| Purification: | Affinity chromatography on Protein A |
| Conjugation: | Unconjugated |
| Storage: | 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-X-C motif chemokine ligand 11 |
| Database Link: | Entrez Gene 6373 Human O14625 |



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Background: Chemokines are a group of small (approximately 8 to 14 kD), mostly basic, structurally related molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. Chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. Chemokines are divided into 2 major subfamilies, CXC and CC. This gene is a CXC member of the chemokine superfamily. Its encoded protein induces a chemotactic response in activated T-cells and is the dominant ligand for CXC receptor-3. The gene encoding this protein contains 4 exons and at least three polyadenylation signals which might reflect cell-specific regulation of expression. IFN-gamma is a potent inducer of transcription of this gene.

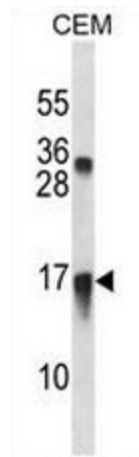
Synonyms: C-X-C motif chemokine 11, Small-inducible cytokine B11, H174, Beta-R1, IP-9, I-TAC, SCYB11, SCYB9B

Note: **Molecular Weight:** 10365 Da

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Toll-like receptor signaling pathway

Product images:



CXCL11 Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the CXCL11 antibody detected the CXCL11 protein (arrow).