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# CXCL11 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21132a

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | O14625 |
| **Reactivity** | Human, Mouse, Rat |
| **Predicted** | Bovine |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB52290 |
| **Calculated MW** | 10365 |

## Additional Information

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| **Gene ID** | 6373 |
| **Other Names** | C-X-C motif chemokine 11, Beta-R1, H174, Interferon gamma-inducible protein 9, IP-9, Interferon-inducible T-cell alpha chemoattractant, I-TAC, Small-inducible cytokine B11, CXCL11, ITAC, SCYB11, SCYB9B |
| **Target/Specificity** | This CXCL11 antibody is generated from a rabbit immunized with a recombinant protein of human CXCL11. |
| **Dilution** | WB~~1:2000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | CXCL11 Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | CXCL11 |
| **Synonyms** | ITAC, SCYB11, SCYB9B |
| **Function** | Chemotactic for interleukin-activated T-cells but not unstimulated T-cells, neutrophils or monocytes. Induces calcium release in activated T-cells. Binds |

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| | to CXCR3. May play an important role in CNS diseases which involve T-cell recruitment. May play a role in skin immune responses. |
| **Cellular Location** | Secreted. |
| **Tissue Location** | High levels in peripheral blood leukocytes, pancreas and liver astrocytes. Moderate levels in thymus, spleen and lung. Low levels in placenta, prostate and small intestine. Also found in epidermal basal layer keratinocytes in skin disorders |

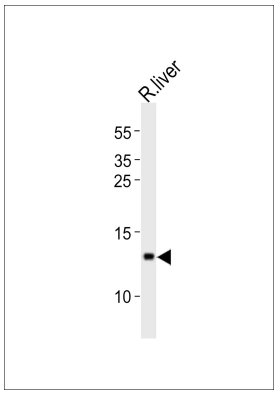
## Background

Chemotactic for interleukin-activated T-cells but not unstimulated T-cells, neutrophils or monocytes. Induces calcium release in activated T-cells. Binds to CXCR3. May play an important role in CNS diseases which involve T-cell recruitment. May play a role in skin immune responses.

## References


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## Images




Western blot analysis of lysate from rat liver tissue lysate, using CXCL11 Antibody(Cat. #AP21132a). AP21132a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.