

# CXCL11 Rabbit pAb

CXCL11 Rabbit pAb

Catalog # AP93930

## Product Information

|                                |   |
|--------------------------------|---|
| <b>Application</b>             | IHC-P, IHC-F, IF  |
| <b>Primary Accession</b>       | <a href="#">Q9JHH5</a>  |
| <b>Reactivity</b>              | Mouse   |
| <b>Host</b>                    | Rabbit  |
| <b>Clonality</b>               | Polyclonal  |
| <b>Calculated MW</b>           | 11266   |
| <b>Physical State</b>          | Liquid  |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from mouse CXCL11  |
| <b>Epitope Specificity</b>     | 22-100/100  |
| <b>Isotype</b>                 | IgG   |
| <b>Purity</b>                  | affinity purified by Protein A  |
| <b>Buffer</b>                  | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.   |
| <b>SUBCELLULAR LOCATION</b>    | Secreted.   |
| <b>SIMILARITY</b>              | Belongs to the intercrine alpha (chemokine CxC) family.   |
| <b>Important Note</b>          | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.   |
| <b>Background Descriptions</b> | 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. [provided by RefSeq]. |

## Additional Information

|                    |  |
|--------------------|--|
| <b>Gene ID</b>     | 56066  |
| <b>Other Names</b> | C-X-C motif chemokine 11, Interferon-inducible T-cell alpha chemoattractant, I-TAC, Small-inducible cytokine B11, Cxcl11, Scyb11 |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500   |
| <b>Format</b>      | 0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce   |

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**Protein Information**

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**Name** Cxcl11

**Synonyms** Scyb11

**Function** 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 (By similarity).

**Cellular Location** Secreted.

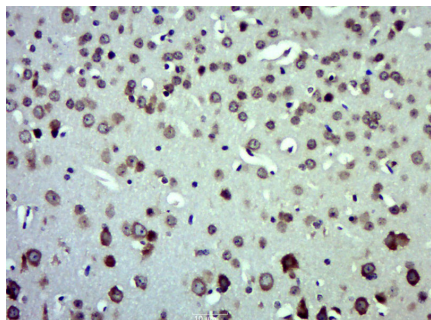
**Background**

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**Images**

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Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CXCL11) Polyclonal Antibody, Unconjugated (AP93930) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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