



## Rabbit Anti-CXCL5 antibody

SL2549R

<b>Product Name:</b>	CXCL5
<b>Chinese Name:</b>	上皮中性粒细胞活化肽78抗体
<b>Alias:</b>	AMCFII; C-X-C motif chemokine 5; Cxcl5; CXCL5_HUMAN; ENA-78(1-78); ENA-78(9-78); ENA78; Epithelial derived neutrophil activating peptide 78; Epithelial derived neutrophil activating protein 78; Epithelial-derived neutrophil-activating protein 78; GCP2; LIX; Neutrophil activating peptide ENA 78; Neutrophil-activating peptide ENA-78; SCYB5; Scyb6; Small inducible cytokine B5; Small inducible cytokine subfamily B member 5; Small-inducible cytokine B5.
<b>文献引用</b> :	<b>Specific References(5)</b> SL2549R has been referenced in 5 publications. <b>[IF=3.31]</b> Heilmann, Aline, et al. "The Wnt Serpentine Receptor Frizzled-9 Regulates New Bone Formation in Fracture Healing." PloS one 8.12 (2013): e84232. <b>IHC-P;Mouse.</b> <a href="#">PubMed:24391920</a>
	<b>[IF=4.11]</b> DAlessio, Franco R., et al. "Lung Angiogenesis Requires CD4+ Foxp3+ Regulatory T Cells." American Journal of Respiratory Cell and Molecular Biology (2014) <b>IHC-F;Mouse.</b> <a href="#">PubMed:25275926</a>
	<b>[IF=1.95]</b> Gaballah, Mohammed Hassan, et al. "Simultaneous time course analysis of multiple markers based on DNA microarray in incised wound in skeletal muscle for wound aging." Forensic Science International (2016). <b>IHC-P;Mouse.</b> <a href="#">PubMed:27376479</a>
	<b>[IF=2.43]</b> Randall-Demllo, Sarron, et al. "Characterisation of colonic dysplasia-like epithelial atypia in murine colitis." World J Gastroenterol 22.37 (2016): 8334-8348. <b>IHC-P;Mouse.</b>

	<p style="text-align: right;"><a href="#">PubMed:27729740</a></p> <p><b>[IF=5.68]</b> Ito, Ryoji, et al. "A novel xenogeneic graft-versus-host disease model for investigating the pathological role of human CD4+ or CD8+ T cells using immunodeficient NOG mice." American Journal of Transplantation (2016). <b>IHC-P; Mouse.</b></p> <p style="text-align: right;"><a href="#">PubMed:27862942</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Mouse, Rat,
<b>Applications:</b>	ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	8/9kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from mouse CXCL5:51-132/132
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The protein encoded by this gene is an inflammatory chemokine that belongs to the CXC chemokine family. This chemokine is produced concomitantly with interleukin-8 (IL8) in response to stimulation with either interleukin-1 (IL1) or tumor necrosis factor-alpha (TNFA). This chemokine is a potent chemotaxin involved in neutrophil activation. [provided by RefSeq].</p> <p><b>Function:</b> May participate in the recruitment of inflammatory cells by injured or infected tissue. GCP-2(1-78) and, more potent, GCP-2(9-78) attract neutrophils and are involved in neutrophil activation.</p> <p><b>Subcellular Location:</b> Secreted.</p> <p><b>Post-translational modifications:</b> GCP-2(1-78) and GCP-2(9-78) are produced by proteolytic cleavage after secretion from fibroblasts and epithelial cells. GCP-2(9-78) is the most prominent form. A number of</p>

additional N-terminal (processed between pos. 41 and 48) and C-terminal (processed between pos. 118 and 132) processed forms have been identified, probably also representing intermediate states.

**Similarity:**

Belongs to the intercrine alpha (chemokine CxC) family.

**SWISS:**

P50228

**Gene ID:**

20311

**Database links:**

[Entrez Gene: 6374](#)Human

[Entrez Gene: 20311](#)Mouse

[Omid: 600324](#)Human

[SwissProt: P42830](#)Human

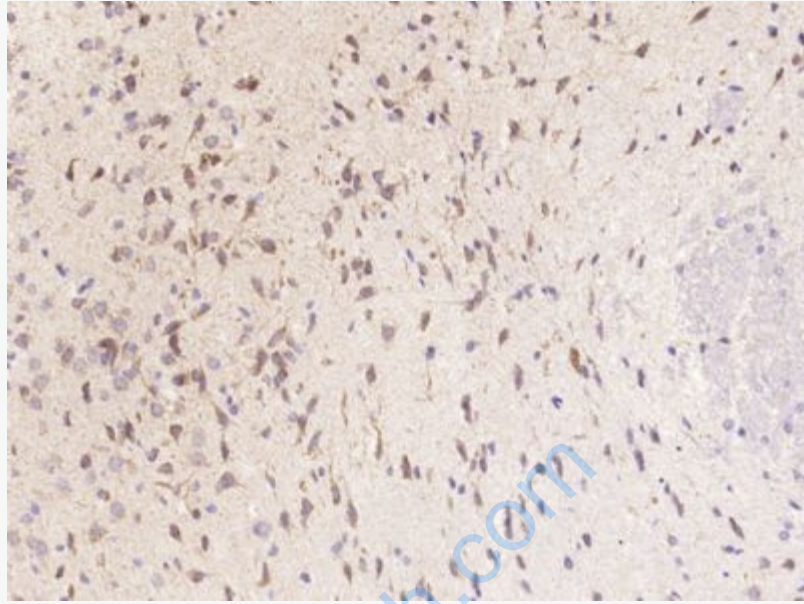
[SwissProt: P50228](#)Mouse

[Unigene: 89714](#)Human

[Unigene: 4660](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (CXCL5) Polyclonal Antibody, Unconjugated (SL2549R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.