



Rabbit Anti-IL-8/CXCL8 antibody

SL0780R

Product Name:	IL-8/CXCL8
Chinese Name:	白介素8抗体
Alias:	<p>Interleukin-8; Interleukin 8; Interleukin8;(Ala-IL-8)77; (Ser-IL-8)72; 3 10C; 310C; AMCF 1; AMCF1; b ENAP; Bbeta thromboglobulin like protein; Beta thromboglobulin like protein; C-X-C motif chemokine 8; CXC chemokine ligand 8; CXCL 8; CXCL8; Emoctakin; GCP 1; GCP-1; GCP/IL-8 protein I; GCP/IL-8 protein II; GCP/IL-8 protein III; GCP/IL-8 protein IV; GCP/IL-8 protein V; GCP/IL-8 protein VI; GCP1; Granulocyte chemotactic protein 1; IL 8; IL-8; IL-8(1-77); IL-8(9-77); IL8; IL8/NAP1 form I; IL8/NAP1 form II; IL8/NAP1 form III; IL8/NAP1 form IV; IL8/NAP1 form V; IL8/NAP1 form VI; IL8_HUMAN; Inteleukin 8; Interleukin8; K 60; K60; LECT; LUCT; Lymphocyte derived neutrophil activating factor; Lymphocyte-derived neutrophil-activating factor; LYNAP; MDNCF; MDNCF-b; MDNCF-c; MONAP; Monocyte derived neutrophil activating peptide; Monocyte derived neutrophil activating protein; Monocyte derived neutrophil chemotactic factor; Monocyte-derived neutrophil chemotactic factor; Monocyte-derived neutrophil-activating peptide; NAF; NAP 1; NAP-1; NAP1; Neutrophil activating factor; Neutrophil activating peptide 1; Neutrophil activating protein 1; Neutrophil-activating factor; Neutrophil-activating protein 1; Protein 3 10C; Protein 3-10C; SCYB 8; SCYB8; Small inducible cytokine subfamily B member 8; T cell chemotactic factor; T-cell chemotactic factor; TSG 1; TSG1.</p>
文献引用 PubMed :	<p>Specific References(4) SL0780R has been referenced in 4 publications.</p> <p>[IF=5.21]Ma, Yanqin, et al. "Inflammatory responses induced by fluoride and arsenic at toxic concentration in rabbit aorta." Archives of toxicology 86.6 (2012): 849-856.WB;Rabbit.</p> <p style="text-align: center;">PubMed:22422340</p> <p>[IF=2.51]Lu, Yongping, et al. "Assessment of atherosclerotic plaques in the rabbit abdominal aorta with interleukin-8 monoclonal antibody-targeted ultrasound microbubbles." Molecular biology reports (2013): 1-10.IHC-P;Rabbit.</p>

	<p style="text-align: right;">PubMed:23292075</p> <p>[IF=11.33]Zhang, Tao, et al. "CXCL1 mediates obesity-associated adipose stromal cell trafficking and function in the tumour microenvironment." Nature Communications 7 (2016).IF(IHC-P);Human.</p> <p style="text-align: right;">PubMed:27241286</p> <p>[IF=5.23]Huang, Qi. "IL-17 Promotes Angiogenic Factors IL-6, IL-8, and Vegf Production via Stat1 in Lung Adenocarcinoma." Scientific Reports 6 (2016).IHC-P;Human.</p> <p style="text-align: right;">PubMed:27819281</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	8/9kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IL-8:31-99/99
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	<p>The protein encoded by this gene is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant, and is also a potent angiogenic factor. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. This gene and other ten members of the CXC chemokine gene family form a chemokine gene cluster in a region mapped to chromosome 4q. [provided by RefSeq, Jul 2008]</p> <p>Function: IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity</p>

on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.

Subunit:

Homodimer.

Subcellular Location:

Secreted.

Post-translational modifications:

Several N-terminal processed forms are produced by proteolytic cleavage after secretion from at least peripheral blood monocytes, leukocytes and endothelial cells. In general, IL-8(1-77) is referred to as interleukin-8. IL-8(6-77) is the most prominent form.

Similarity:

Belongs to the intercrine alpha (chemokine CxC) family.

SWISS:

P10145

Gene ID:

3576

Database links:

[Entrez Gene: 3576](#)Human

[Entrez Gene: 396880](#)Pig

[Omim: 146930](#)Human

[SwissProt: P10145](#)Human

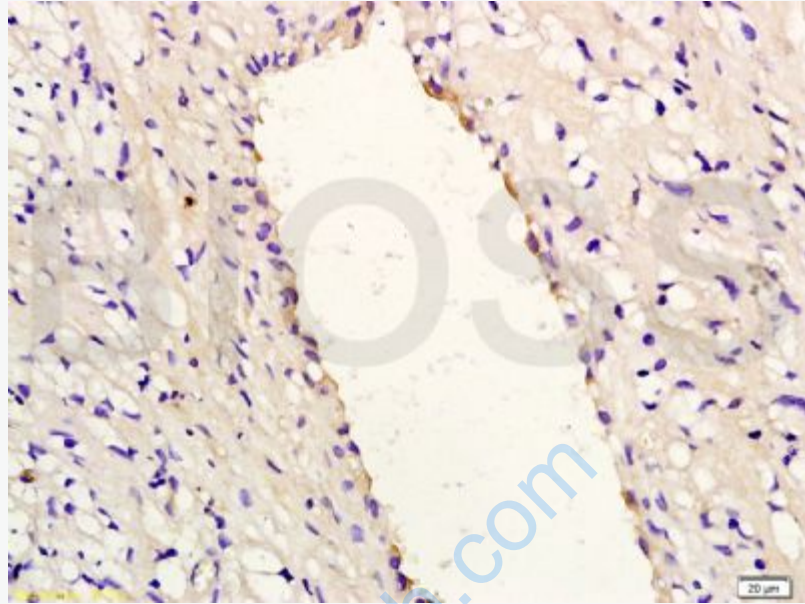
[SwissProt: P26894](#)Pig

[Unigene: 624](#)Human

Important Note:

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

白介素-8



Picture:

Tissue/cell: rabbit carotid artery; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-IL-8/CXCL8 Polyclonal Antibody, Unconjugated(SL0780R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining