

Summary

Production Name	IL-8 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	IL8 CXCL8
Alternative Names	IL8; CXCL8; Interleukin-8; IL-8; C-X-C motif chemokine 8; Emotakin; Granulocyte chemotactic protein 1; GCP-1; Monocyte-derived neutrophil chemotactic factor; MDNCF; Monocyte-derived neutrophil-activating peptide; MONAP; Neutrophil-activati
Gene ID	3576.0
SwissProt ID	P10145.The antiserum was produced against synthesized peptide derived from human IL-8. AA range:19-68

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000..
Molecular Weight	8kD

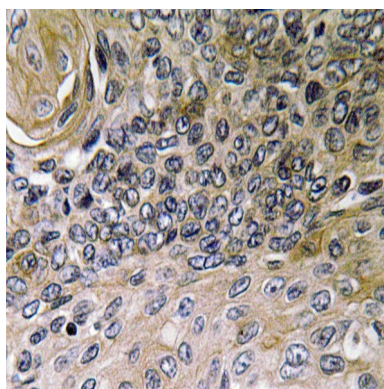
Background

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],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 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.,online information:Interleukin-8 entry,PTM: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.,subunit:Homodimer.,

Research Area

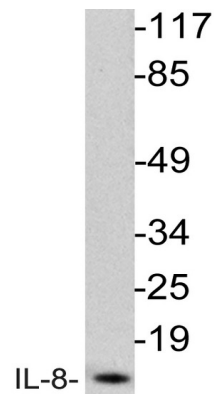
Cytokine-cytokine receptor interaction;Chemokine;Toll_Like;NOD-like receptor;RIG-I-like receptor;Epithelial cell signaling in Helicobacter pylori infection;Pathways in cancer;Bladder cancer;

Image Data

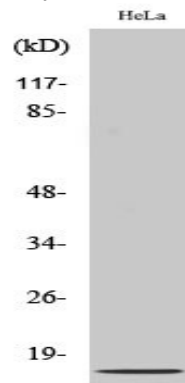


Immunohistochemistry analysis of IL-8 antibody in paraffin-embedded human lung carcinoma tissue.

Product Name: IL-8 Rabbit Polyclonal Antibody
Catalog #: APRab12569



Western blot analysis of lysate from HeLa cells, using IL-8 antibody.



Western Blot analysis of various cells using IL-8 Polyclonal Antibody

Note

For research use only.