

Datasheet for ABIN3016226  
**anti-IL-8 antibody (AA 21-99)**

5 Images



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## Overview

Quantity:	100 µL
Target:	IL-8 (IL8)
Binding Specificity:	AA 21-99
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 21-99 of human IL8 (NP_000575.1).
Sequence:	EGAVLPRSAK ELRCQCIKTY SKPFHPKFIK ELRVIESGPH CANTEIIVKL SDGRELCLDP KENWVQRVVE KFLKRAENS
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

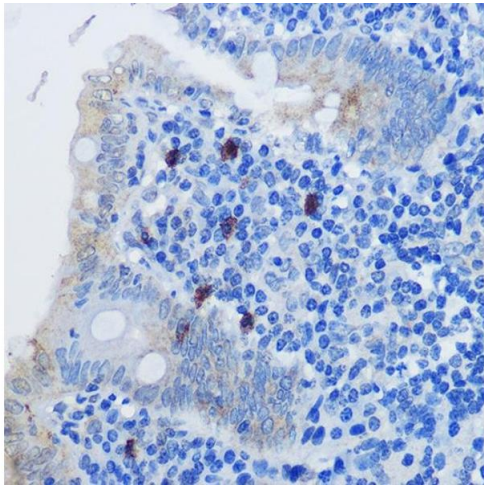
Target:	IL-8 (IL8)
Alternative Name:	CXCL8 ( <a href="#">IL8 Products</a> )
Background:	<p>The protein encoded by this gene is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions 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.,CXCL8,GCP-1,GCP1,IL8,LECT,LUCT,LYNAP,MDNCF,MONAP,NAF,NAP-1,NAP1,Cancer,Invasion and Metastasis,Cell Biology &amp; Developmental Biology,Growth factor,Immunology &amp; Inflammation,Cytokines,Interleukins,Cell Intrinsic Innate Immunity Signaling Pathway,Cardiovascular,Angiogenesis,Angiogenic growth factors,CXCL8</p>
Molecular Weight:	11 kDa
Gene ID:	3576
UniProt:	<a href="#">P10145</a>
Pathways:	<a href="#">TLR Signaling</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Hepatitis C</a> , <a href="#">Autophagy</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

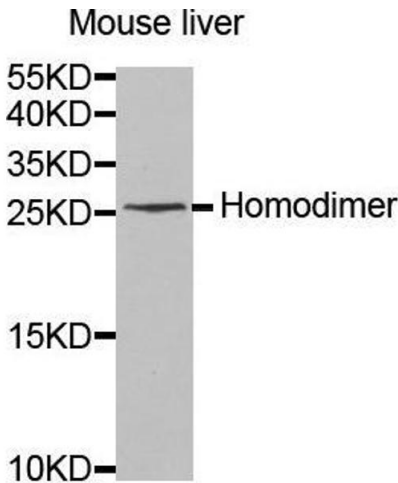


Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human appendix using IL8 Rabbit pAb (ABIN3016225, ABIN3016226, ABIN3016227 and ABIN6219634) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

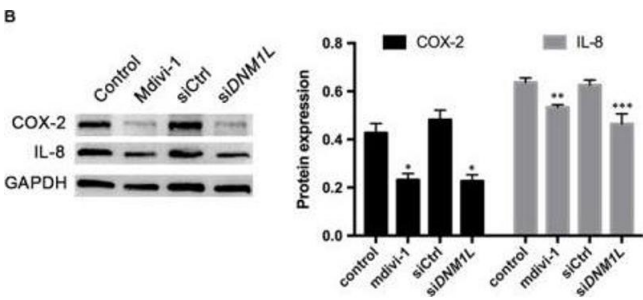
Western Blotting

**Image 2.**



Western Blotting

**Image 3.** DNMT1 deficiency in FLSs reduces their viability and production of pro-inflammatory cytokines, and increases apoptosis. A, Cell viability was determined using the CCK-8 assay. (B, C) Western blot and qRT-PCR analyses of COX-2 and IL-8 expression in FLSs (mdvi-1 concentration = 50  $\mu$ mol/L). D, Representative flow cytometry data of apoptotic FLSs after staining with FITC-Annexin V and PI, and quantitation of these data. Data are representative flow cytometry charts, images or expressed as mean  $\pm$  SD of each group from three separate experiments. \*P < .05, \*\*P < .01, \*\*\*P < .001, \*\*\*P < .0001 - figure provided by CiteAb. Source: PMID31755231



Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3016226.