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

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Target Details

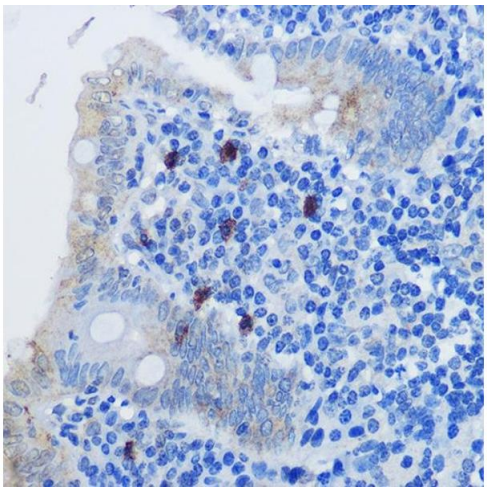
Target:	IL-8 (IL8)
Alternative Name:	CXCL8 (IL8 Products)
Background:	The protein encoded by this gene is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant,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

Application Details

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

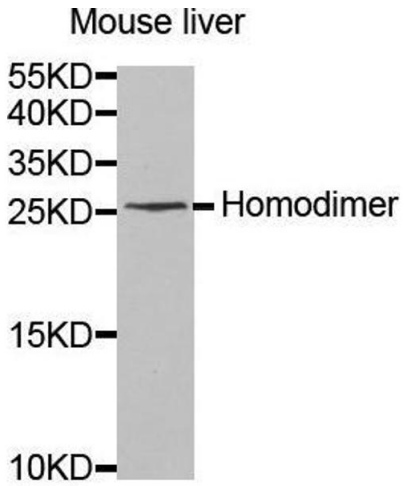
Handling

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.



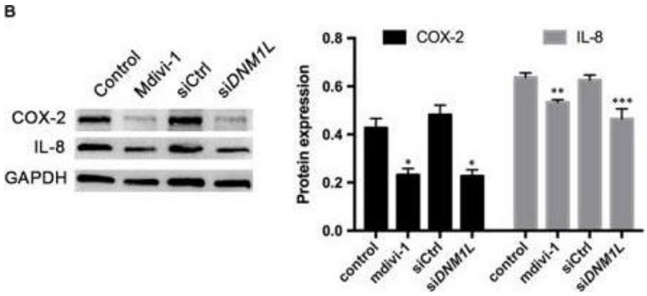
Immunohistochemistry

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. DNM1L 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 (mdivi-1 concentration = 50 μmol/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 ± 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.