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# Datasheet for ABIN2856603 anti-IL16 antibody (C-Term)

3 Images



### Overview

Quantity:	100 µL
Target:	IL16
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL16 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

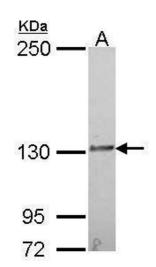
Target:	IL16
Target Details	
Purification:	Purified by antigen-affinity chromatography.
Characteristics:	Rabbit Polyclonal antibody to IL16 (interleukin 16 (lymphocyte chemoattractant factor)) IL16 antibody [C3], C-term
Cross-Reactivity:	Human
Isotype:	IgG
Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human IL16. The exact sequence is proprietary.

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Target Details	
Alternative Name:	interleukin 16 (IL16 Products)
Background:	The protein encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cytokine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. The cytokine function is exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control. Caspase 3 is reported to be involved in the proteolytic processing of this protein. Two transcript variants encoding different isoforms have been found for this gene.
	Cellular Localization: Interleukin-16: Secreted , Isoform 1: Cytoplasm , Isoform 3: Cytoplasm , Nucleus
Molecular Weight:	142 kDa
Gene ID:	3603
UniProt:	Q14005
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A549
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.73 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

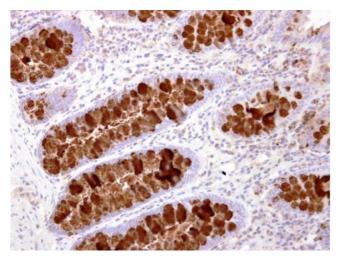
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2856603 | 09/11/2023 | Copyright antibodies-online. All rights reserved. multiple freeze-thaw cycles.

### Images



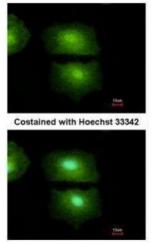
#### Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: A549 5% SDS PAGE IL16 antibody antibody diluted at 1:1000



#### Immunohistochemistry

**Image 2.** IHC-P Image IL16 antibody [C3], C-term detects IL16 protein at secreted on human normal colon by immunohistochemical analysis. Sample: Paraffin-embedded human normal colon. IL16 antibody [C3], C-term , diluted at 1:500.



#### Immunofluorescence

**Image 3.** ICC/IF Image Immunofluorescence analysis of methanol-fixed A549, using IL16, antibody at 1:500 dilution.