

DEFA6 Polyclonal antibody

Catalog Number: 17923-1-AP

1 Publications

Basic Information

Catalog Number: 17923-1-AP	GenBank Accession Number: BC093951	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1671	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: defensin, alpha 6, Paneth cell-specific	
Isotype: IgG	Calculated MW: 100 aa, 11 kDa	
Immunogen Catalog Number: AG12341		

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IF	WB : COLO 320 cells, mouse small intestine tissue
Species Specificity: human, mouse	IHC : human small intestine tissue,
Cited Species: Human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Defensins are a family of antimicrobial and cytotoxic peptides thought to be involved in host defense. DEFA6 is alpha 6 of Defensin. This protein is secret expression and can be cleaved in to the fragments with MW 4-6 kDa. It can be used as a maker of Paneth cell. DEFA6 has very low antimicrobial activity against Gram-negative and Gram-positive bacteria. it may protect cells against infection with HIV-1.

Notable Publications

Author	Pubmed ID	Journal	Application
Kathrin I Liszt	34784295	J Clin Invest	IF

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

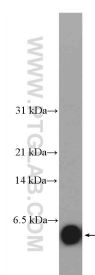
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

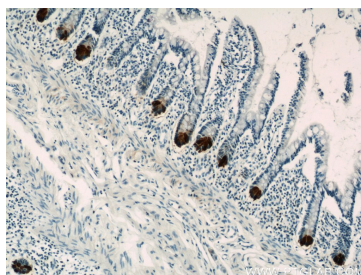
For technical support and original validation data for this product please contact:
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 E: proteintech@ptglab.com
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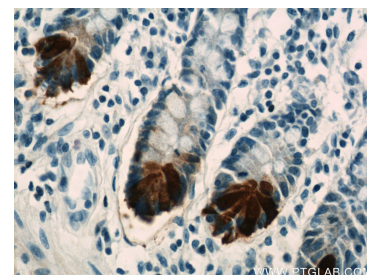
Selected Validation Data



COLO 320 cells were subjected to SDS PAGE followed by western blot with 17923-1-AP (DEFA6 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. (10 Sec exposure).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 17923-1-AP (DEFA6 Antibody) at dilution of 1:400 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 17923-1-AP (DEFA6 Antibody) at dilution of 1:400 (under 40x lens).