

For Research Use Only

DEFA6 Polyclonal antibody

Catalog Number: 17923-1-AP **2 Publications**



Basic Information

Catalog Number: 17923-1-AP	GenBank Accession Number: BC093951	Purification Method: Antigen affinity purification
Size: 550 µg/ml	GeneID (NCBI): 1671	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q01524	
Isotype: IgG	Full Name: defensin, alpha 6, Paneth cell-specific	
Immunogen Catalog Number: AG12341	Calculated MW: 100 aa, 11 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : COLO 320 cells, mouse small intestine tissue IHC : human small intestine tissue,
Cited Applications: IF	
Species Specificity: human, mouse	
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
Qian Wang	39111389	Mol Metab	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

For technical support and original validation data for this product please contact:

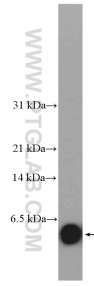
T: 4006900926

E: Proteintech-CN@ptglab.com

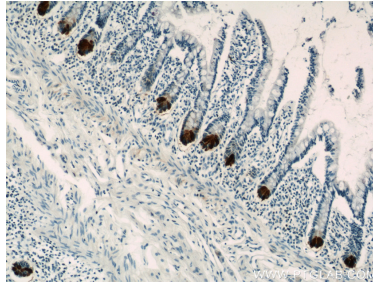
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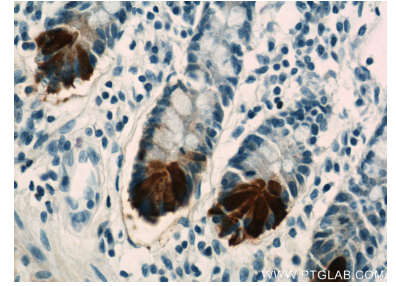
Selected Validation Data



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).