

For Research Use Only

DEFA5 Polyclonal antibody

Catalog Number: 18268-1-AP



Basic Information

Catalog Number: 18268-1-AP	GenBank Accession Number: BC069690	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1670	Recommended Dilutions: IHC 1:800-1:3200
Source: Rabbit	UNIPROT ID: Q01523	
Isotype: IgG	Full Name: defensin, alpha 5, Paneth cell-specific	
Immunogen Catalog Number: AG12793	Calculated MW: 94 aa, 10 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human small intestine tissue,
Species Specificity: 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

DEFA5, also named as DEF5, belongs to the alpha-defensin family. It has antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane. Mature DEFA5 is about 5kd. It has a homodimer form.

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

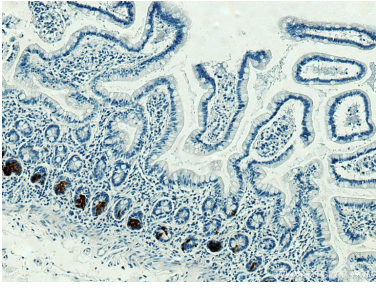
For technical support and original validation data for this product please contact:

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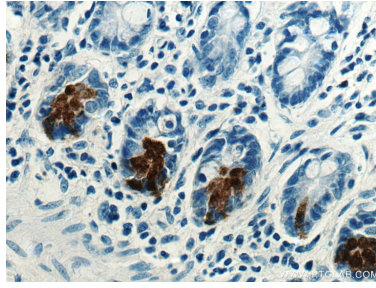
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 18268-1-AP (DEFA5 antibody) at dilution of 1:3200 (under 10x lens)..



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 18268-1-AP (DEFA5 antibody) at dilution of 1:3200 (under 40x lens)..