

For Research Use Only

# DEFA5 Polyclonal antibody

Catalog Number: 18268-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human small intestine tissue,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

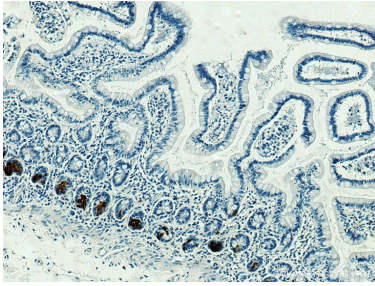
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

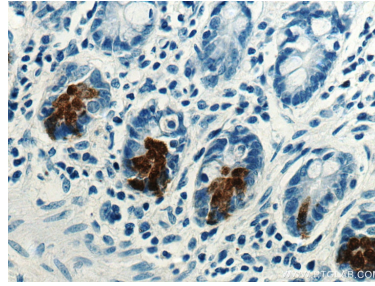
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



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)..