For Research Use Only

DEFA5 Polyclonal antibody

Catalog Number:18268-1-AP

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
18268-1-AP

Size:
150ul , Concentration: 900 μg/ml by Nanodrop and 267 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG12793

GenBank Accession Number:
BC069690

GeneID (NCBI):
1670

Full Name:
defensin, alpha 5, Paneth cell-specific

Calculated MW:
94 aa, 10 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
IHC 1:800-1:3200

Applications

Tested Applications:
IHC,ELISA

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

Positive Controls:

IHC : human small intestine tissue,

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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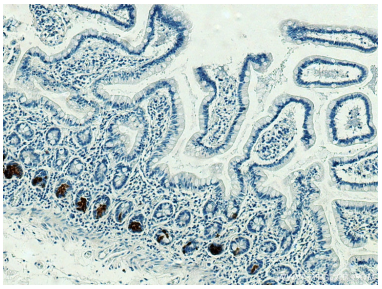
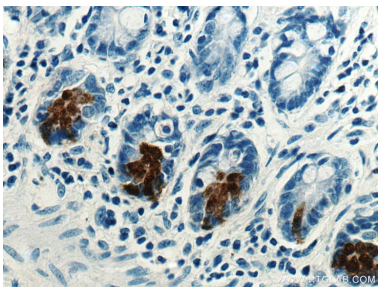
Selected Validation Data



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)..