

DEFA1 Polyclonal Antibody

Catalog No: #42145

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

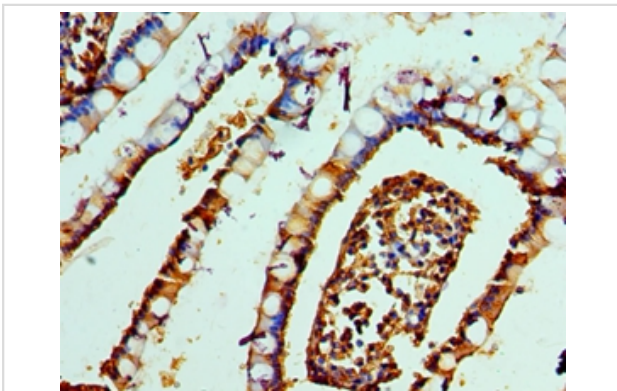
Description

Product Name	DEFA1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen Affinity Purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total DEFA1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Neutrophil defensin 1 protein(1-94aa)
Target Name	DEFA1
Other Names	Defensin, alpha 1, HNP-1, HP-1, HP1, HNP-2, HP-2, HP2, DEFA1, DEF1, DEFA2, MRS
Accession No.	Swiss-Prot#: P59665
Uniprot	P59665
GeneID	1667;728358;
Concentration	1.0mg/mL
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C

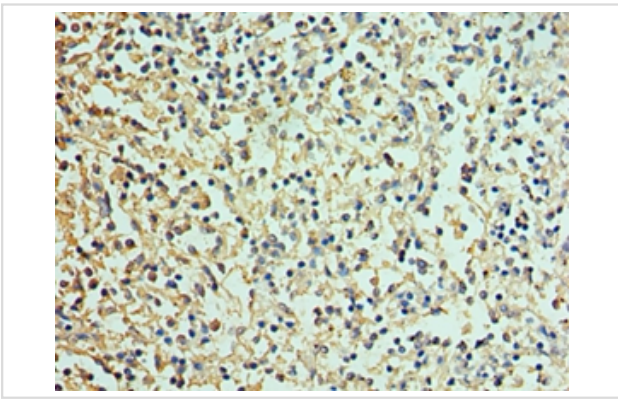
Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human small intestine using #42145 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human spleen using #42145 at dilution of 1:100.

Background

Defensin 1 and defensin 2 have antibacterial, fungicide and antiviral activities. Has antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane.

References

[1]Toward understanding the cationicity of defensins. Arg and Lys versus their noncoded analogs." Zou G., de Leeuw E., Li C., Pazgier M., Li C., Zeng P., Lu W.-Y., Lubkowski J., Lu W.J. *Biol. Chem.* 282:19653-19665(2007). [2]NMR studies of defensin antimicrobial peptides. 2. Three-dimensional structures of rabbit NP-2 and human HNP-1."Pardi A., Zhang X.-L., Selsted M.E., Skalicky J.J., Yip P.F.*Biochemistry* 31:11357-11364(1992). [3]NMR studies of defensin antimicrobial peptides. 1. Resonance assignment and secondary structure determination of rabbit NP-2 and human HNP-1." Zhang X.-L., Selsted M.E., Pardi A.*Biochemistry* 31:11348-11356(1992).

Note: This product is for in vitro research use only