

DEFA1 Rabbit Polyclonal Antibody

Catalog No: #55033



Package Size: #55033-1 50ul #55033-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

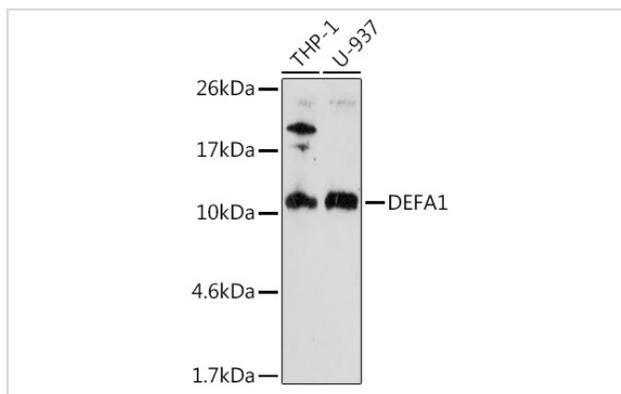
Description

Product Name	DEFA1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human DEFA1 (NP_004075.1).
Other Names	DEFA1;DEF1;DEFA2;HNP-1;HP-1;HP1;MRS
Accession No.	Uniprot:P59665GeneID:1667
Calculated MW	10kDa
SDS-PAGE MW	10KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

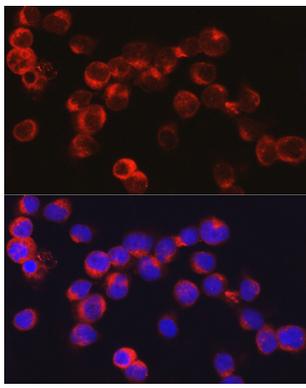
Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:100

Images



Western blot analysis of extracts of various cell lines, using DEFA1 antibody.



Immunofluorescence analysis of Jurkat cells using DEFA1 Rabbit pAb.

Background

Defensins are a family of antimicrobial and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. The protein encoded by this gene, defensin, alpha 1, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. Several alpha defensin genes are clustered on chromosome 8. This gene differs from defensin, alpha 3 by only one amino acid. This gene and the gene encoding defensin, alpha 3 are both subject to copy number variation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.