

DEFA1 Rabbit Polyclonal Antibody



CAB6897

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

10KDa

Calculated MW:

10kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

1667

Uniprot

P59665

Synonyms:

DEFA1; DEF1; DEFA2; HNP-1; HP-1; HP1; MRS

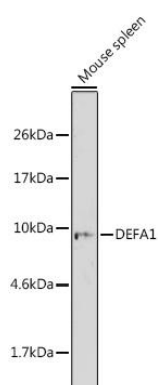
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-94 of human DEFA1 (NP_004075.1).

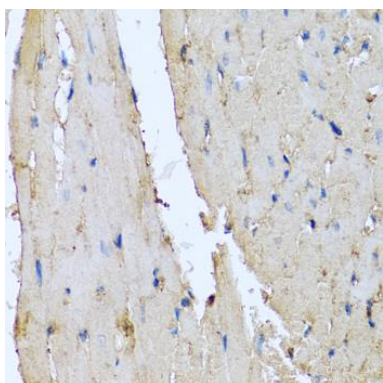
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

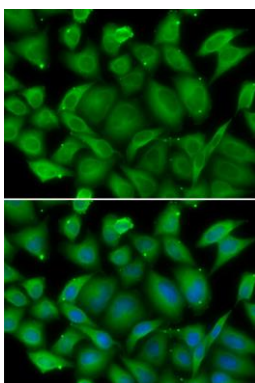
Product Images



Western blot analysis of extracts of Mouse spleen, using DEFA1 antibody (CAB6897) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded rat heart using DEFA1 antibody (CAB6897) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using DEFA1 antibody (CAB6897). Blue: DAPI for nuclear staining.