

DEFA3 Rabbit pAb

Catalog No.: A5340

Basic Information

Observed MW

13kDa

Calculated MW

10kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

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 3, 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 1 by only one amino acid. This gene and the gene encoding defensin, alpha 1 are both subject to copy number variation.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

1668

Swiss Prot

P59666

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-94 of human DEFA3 (NP_005208.1).

Synonyms

HP3; DEF3; HNP3; HP-3; HNP-3; DEFA3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

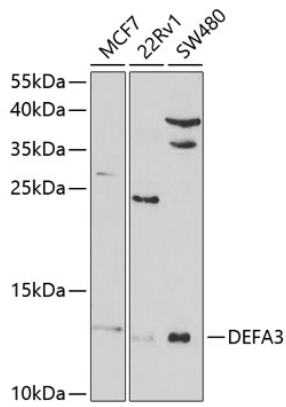
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using DEFA3 antibody (A5340) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.