

DNAxPAb

Hard-to-Find
Antibody

DEFA3 DNAxPab

Catalog # H00001668-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DEFA3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRTLAILAAILLVALQAQAEPLQARADEVAAAPeqIAADIPEVVVSLAWDESLAPKHPGSRKNMD CYCRIPACIAGERRYGTCTYQGRLWAFCC
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — DEFA3

Entrez GeneID [1668](#)

GeneBank Accession# [NM_005217.2](#)

Protein Accession# [NP_005208.1](#)

Gene Name DEFA3

Gene Alias DEF3, HNP-3, HNP3, HP-3

Gene Description defensin, alpha 3, neutrophil-specific

Omim ID [604522](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Defensins are a family of microbicidal 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. Several alpha defensin genes appear to be clustered on chromosome 8. 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. It differs from defensin, alpha 1 by only one amino acid. [provided by RefSeq]

Other Designations defensin 3, neutrophil-specific|defensin, alpha 3|neutrophil peptide 3

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