

DNAxPAb

Hard-to-Find
Antibody

DEFA1 DNAxPab

Catalog # H00001667-W01P

Size 200 ug

Specification

| | |
|-------------------------|--|
| Product Description | Rabbit polyclonal antibody raised against a full-length human DEFA1 DNA using DNAx™ Immune technology. |
| Technology | DNAx™ Immune |
| Immunogen | Full-length human DNA |
| Sequence | MRTLAILAAILLVALQAQAEPLQARADEVAAAPeqIAADIPEVVVSLAWDESLAPKHPGSRKSMD 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 — DEFA1

Entrez GeneID [1667](#)

GeneBank Accession# [BC027917.1](#)

Protein Accession# [AAH27917.1](#)

Gene Name DEFA1

Gene Alias DEF1, DEFA2, HNP-1, HP-1, MGC138393, MRS

Gene Description defensin, alpha 1

Omim ID [125220](#)

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 1, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. It differs from defensin, alpha 3 by only one amino acid. [provided by RefSeq]

Other Designations OTTHUMP00000196017|defensin, alpha 1, myeloid-related sequence|defensin, alpha 2|myeloid-related sequence

Disease

- [Genetic Predisposition to Disease](#)
- [Sepsis](#)