

Rabbit DEFA1 Polyclonal Antibody | anti-DEFA1 antibody

DEFA1 Polyclonal Antibody

CATALOG # AAA169031	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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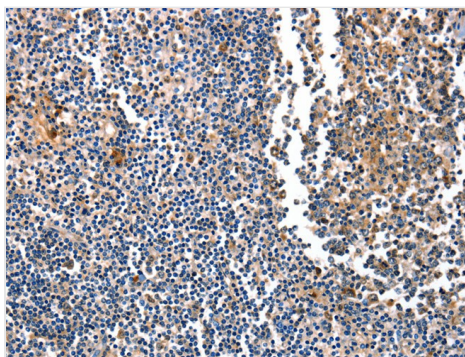
PRODUCT SYNONYMS

DEFA1; Polyclonal Antibody; DEFA1 Polyclonal Antibody; HP1; MRS; DEF1; HP-1; DEFA2; HNP-1; anti-DEFA1 antibody

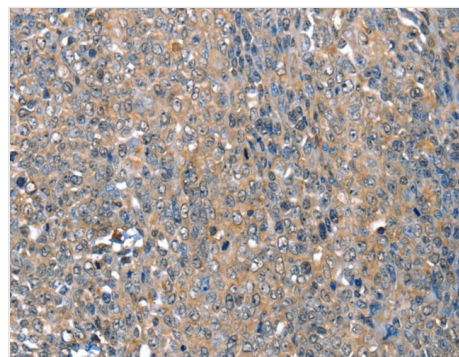
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.4mg/mL (varies by lot)
Sequence Length	94
Applicable Applications for anti-DEFA1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human DEFA1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using DEFA1 Polyclonal Antibody at dilution of 1:10


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using DEFA1 Polyclonal Antibody at dilution of 1:10

ADDITIONAL INFORMATION

Related Product Information for anti-DEFA1 antibody	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	85567619
NCBI GeneID	1667
Molecular Weight	10,201 Da
NCBI Official Full Name	Defensin, alpha 1, preproprotein
NCBI Official Synonym Full Names	defensin, alpha 1
NCBI Official Symbol	DEFA1
NCBI Official Synonym Symbols	HP1; MRS; DEF1; HP-1; DEFA2; HNP-1
NCBI Protein Information	neutrophil defensin 1; defensin, alpha 1, myeloid-related sequence; defensin, alpha 2
UniProt Protein Name	Neutrophil defensin 1
UniProt Gene Name	DEFA1
UniProt Synonym Gene Names	DEF1; DEFA2; MRS; HP-1; HP1; HP-2; HP2
UniProt Entry Name	DEF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.