

Goat anti-Human DEFA1/Defensin Alpha 1 Polyclonal Antibody | anti-DEFA1 antibody

Anti-DEFA1/Defensin Alpha 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162244	Goat	Human	Western Blot, Neutralization Assay, Immunohistochemistry, ELISA

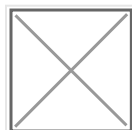
PRODUCT SYNONYMS

DEFA1/Defensin Alpha 1; Polyclonal Antibody; Anti-DEFA1/Defensin Alpha 1 Antibody; Rabbit Polyclonal (IgG) to Human DEFA1/Defensin Alpha 1; DEFA1; DEFA2; Defensin; alpha 2; HP-1; HP1; Myeloid-related sequence; MRS; DEF1; alpha 1; HNP-1; Neutrophil defensin 1; anti-DEFA1 antibody

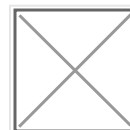
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human NP-1
Purity/Purification	Immunoaffinity Purified
Form/Format	Lyophilized from PBS, pH 7.2
Sequence Length	94
Applicable Applications for anti-DEFA1 antibody	WB (Western Blot), NTRL (Neutralization Assay), IHC (Immunohistochemistry), ELISA
Immunogen	E Coli derived recombinant Human NP-1.
Conjugation	Unconjugated
Resuspension Liquid	Sterile water
Preparation and Storage	Store Lyophilized at room temperature up to 1 month. Reconstituted for up to two weeks at 2-8 degree C. Aliquot and freeze at -20 degree C for long term storage. Avoid freeze/thaw cycles.

IMAGES



ELISA
Sandwich ELISA of HP-1/DEFA1 antibody



IHC (Immunohistochemistry)
Anti-DEFA1/NP-1 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-DEFA1 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758146
NCBI GeneID	1667
NCBI Accession #	NP_004075.1
NCBI GenBank Nucleotide #	NM_004084.3
UniProt Accession #	P59665; P11479; Q14125; Q6EZF6
Molecular Weight	10,201 Da
NCBI Official Full Name	neutrophil defensin 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
UniProt Protein Name	Neutrophil defensin 1
UniProt Gene Name	DEFA1
UniProt Synonym Gene Names	DEF1; DEFA2; MRS; HP-1; HP1; HP-2; HP2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/defa1-defensin-alpha-1-antibody-western-blot-neutralization-assay-immunohistochemistry-elisa/162244>