

Rabbit anti-Human DEFA1 Polyclonal Antibody | anti-DEFA1 antibody

DEFA1 Antibody

CATALOG # AAA306287	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

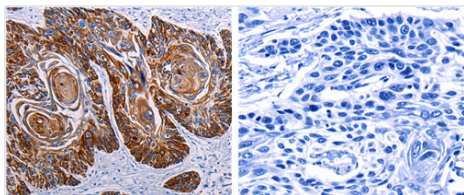
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

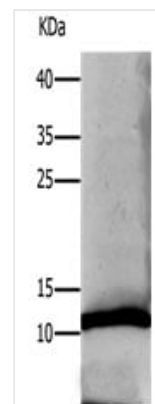
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total DEFA1 protein.
Form/Format	Supplied at 1.1mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	94
Applicable Applications for anti-DEFA1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 49-63 amino acids of Human Defensin, alpha 1
Target Name	DEFA1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 31183(DEFA1 Antibody) at dilution 1/15, on the right is treated with the synthetic peptide.



Application Data

Gel: 12%SDS-PAGE Lysate: 30 ug Human lung tissue lysate Primary antibody: 1/550 dilution Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/5000 dilution Exposure time: 1 minute

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.
Product Categories/Family for anti-DEFA1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758146
NCBI GeneID	1667
NCBI Accession #	NP_004075
NCBI GenBank Nucleotide #	NM_004084.3
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/defa1-antibody-immunohistochemistry-western-blot-elisa/306287>