

Rabbit anti-Human, Mouse Defensin alpha3 Polyclonal Antibody | anti-DEFA3 antibody

Defensin alpha3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327506	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

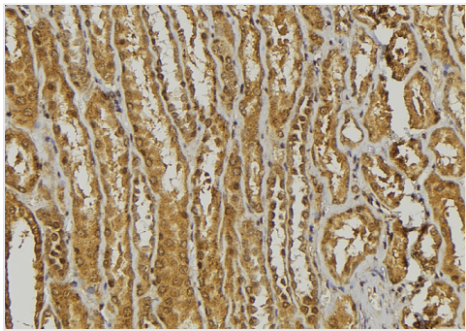
PRODUCT SYNONYMS

Defensin alpha3; Polyclonal Antibody; Defensin alpha3 Antibody; alpha 1; DEF1; DEF1_HUMAN; DEFA1; DEFA1B; DEFA2; Defensin 1; Defensin; myeloid related sequence; alpha 2; HNP-1; HNP-2; HNP1; HP-1; HP-2; HP1; HP2; MRS; Myeloid related sequence; Neutrophil defensin 1; Neutrophil defensin 2; anti-DEFA3 antibody

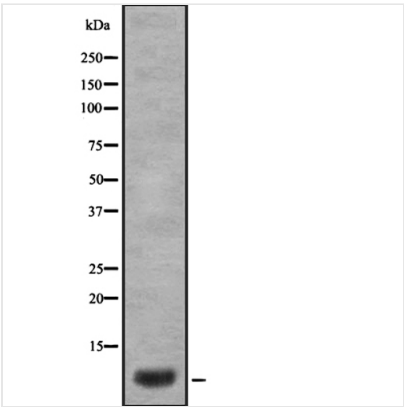
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Defensin alpha3 antibody detects endogenous levels of total Defensin alpha3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	94
Applicable Applications for anti-DEFA3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Defensin alpha3
Subcellular Location	Extracellular Region or Secreted
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA327506 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of Defensin alpha3 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-DEFA3 antibody	Function: Defensin 2 and defensin 3 have antibiotic, fungicide and antiviral activities. Has antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane. Subunit Structure: Dimer. Similarity: Belongs to the alpha-defensin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885179
NCBI GeneID	1668
NCBI Accession #	NP_005208.1
NCBI GenBank Nucleotide #	NM_005217.3
UniProt Accession #	P59666; P11479; Q14125
Molecular Weight	Observed: 10 kDa Predicted: 11 kDa
NCBI Official Full Name	neutrophil defensin 3 preproprotein
NCBI Official Synonym Full Names	defensin alpha 3
NCBI Official Symbol	DEFA3
NCBI Official Synonym Symbols	HP3; DEF3; HNP3; HP-3; HNP-3
NCBI Protein Information	neutrophil defensin 3
UniProt Protein Name	Neutrophil defensin 3
UniProt Gene Name	DEFA3
UniProt Synonym Gene Names	DEF3; HP-3; HP3; 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.