Rabbit Defensin alpha4 Polyclonal Antibody | anti-DEFA4 antibody

Defensin alpha4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327507	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Western Blot**

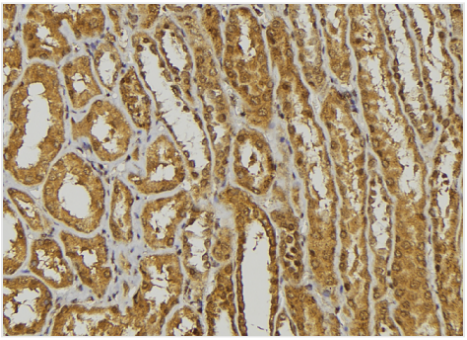
PRODUCT SYNONYMS

Defensin alpha4; Polyclonal Antibody; Defensin alpha4 Antibody; Corticostatin; DEF4; DEFA4; Defensin; alpha 4; corticostatin; preproprotein; HNP 4; HP 4; anti-DEFA4 antibody

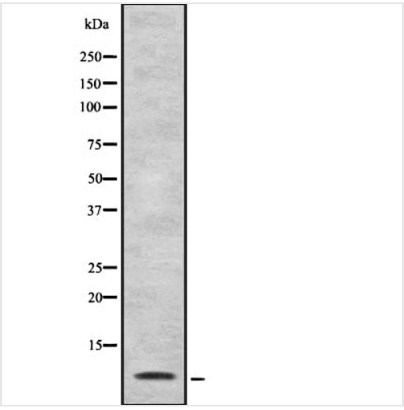
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Defensin alpha4 antibody detects endogenous levels of total Defensin alpha4
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	97
Applicable Applications for anti-DEFA4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Defensin alpha4
Subcellular Location	Secreted
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA327507 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 alpha4 using HuvEc whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-DEFA4 antibody	Function: Has antimicrobial activity against Gram-negative bacteria, and to a lesser extent also against Gram-positive bacteria and fungi. Protects blood cells against infection with HIV-1 (in vitro). Inhibits corticotropin (ACTH)-stimulated corticosterone production. Subunit Structure: Homodimer. Similarity: Belongs to the alpha-defensin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503303
NCBI GeneID	1669
NCBI Accession #	NP_001916.1
NCBI GenBank Nucleotide #	NM_001925.2
UniProt Accession #	P12838; Q6EZF8
Molecular Weight	Observed: 10 kDa Predicted: 11 kDa
NCBI Official Full Name	neutrophil defensin 4 preproprotein
NCBI Official Synonym Full Names	defensin alpha 4
NCBI Official Symbol	DEFA4
NCBI Official Synonym Symbols	HP4; DEF4; HP-4; HNP-4
NCBI Protein Information	neutrophil defensin 4
UniProt Protein Name	Neutrophil defensin 4
UniProt Gene Name	**DEFA4**
UniProt Synonym Gene Names	DEF4; HP-4

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://www.aaabiotech.com/polyclonal/defensin-alpha4-antibody-immunohistochemistry-western-blot-elisa/327507