Rabbit anti-Human, Mouse Defensin alpha1 Polyclonal Antibody | anti-DEFA1 antibody

Defensin alpha1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327505	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry, Western Blot**

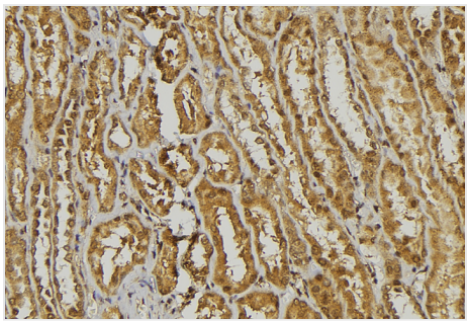
PRODUCT SYNONYMS

Defensin alpha1; Polyclonal Antibody; Defensin alpha1 Antibody; DEF1; DEF3; DEFA1; DEFA2; DEFA3; Defensin alpha 1; Defensin alpha 2; Defensin alpha 3; HNP1; HNP3; HP1; HP3; MRS; Neutrophil defensin 1; Neutrophil defensin 2; Neutrophil defensin 3; anti-DEFA1 antibody

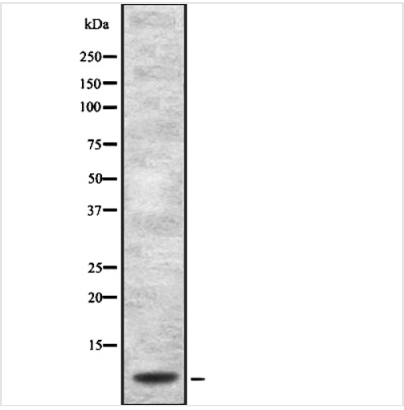
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
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-DEFA1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Defensin alpha1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA327505 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 alpha1 using Jurkat whole cell lysates

NCBI AND UNIPROT INFORMATION

NCBI GI #	124248516
NCBI GeneID	728358
NCBI Accession #	NP_001035965.1
NCBI GenBank Nucleotide #	NM_001042500.1
UniProt Accession #	P59665; P11479; Q14125; Q6EZF6
Molecular Weight	10 kDa
NCBI Official Full Name	neutrophil defensin 1 isoform 2 preproprotein
NCBI Official Synonym Full Names	defensin alpha 1B
NCBI Official Symbol	DEFA1B
NCBI Official Synonym Symbols	HP1; HP-1; 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://www.aaabiotech.com/polyclonal/defensin-alpha1-antibody-immunohistochemistry-western-blot-elisa/327505