

Rabbit anti-Human beta Defensin 1 Polyclonal Antibody | anti-DEFB1 antibody

Anti-beta Defensin 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45027	Rabbit	Human	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

beta Defensin 1; Polyclonal Antibody; Anti-beta Defensin 1 antibody; Beta-defensin 1(BD-1/hBD-1); defensin; beta 1; BD 1 antibody; BD-1 antibody; BD1 antibody; beta 1 antibody; Beta defensin 1 antibody; Beta-defensin 1 antibody; DEFB 1 antibody; DEFB1 antibody; DEFB1_HUMAN antibody; DEFB101 antibody; Defensin antibody; Defensin beta 1 antibody; Defensin beta 1 preproprotein antibody; HBD 1 antibody; hBD-1 antibody; HBD1 antibody; MGC51822 antibody; anti-DEFB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	68
Applicable Applications for anti-DEFB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human beta Defensin 1 (52-68aa FTKIQGTCYRGKAKCCK).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-DEFB1 antibody	DEFB1, Beta-defensin 1, is a protein that in humans is encoded by the DEFB1 gene. DEFB1 belongs to the defensin family. Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. The DEFB1 gene spans more than 7 kb and includes a large 6,962-bp intron. By 2-color fluorescence in situ hybridization on both metaphase chromosomes and released chromatin fiber, the DEFB1 gene is mapped to 8p23.2-p23.1, within 100 to 150 kb of the gene for human neutrophil defensin-alpha-1. DEFB1 may augment neonatal host defenses through antimicrobial effects or prime the adaptive immune system at mucosal surfaces.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38503374
NCBI GeneID	1672

UniProt Accession #	P60022; Q09753
NCBI Official Full Name	Beta-defensin 1
NCBI Official Synonym Full Names	defensin, beta 1
NCBI Official Symbol	DEFB1
NCBI Official Synonym Symbols	BD1; HBD1; DEFB-1; DEFB101
NCBI Protein Information	beta-defensin 1; BD-1; beta-defensin-1
UniProt Protein Name	Beta-defensin 1
UniProt Gene Name	DEFB1
UniProt Synonym Gene Names	BD1; HBD1; BD-1; hBD-1
UniProt Entry Name	DEFB1_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://www.aaabiotech.com/polyclonal/beta-defensin-1-antibody-immunohistochemistry-western-blot-elisa/45027>