

Rabbit DEFB4A/BD-2 Polyclonal Antibody | anti-DEFB4A/BD-2 antibody

Anti-DEFB4A/BD-2 Antibody (Internal)

CATALOG # AAA162398	HOST Rabbit	REACTIVITY HumanPredicted: Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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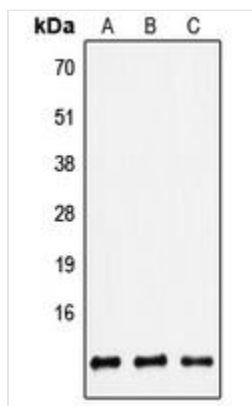
PRODUCT SYNONYMS

DEFB4A/BD-2; Polyclonal Antibody; Anti-DEFB4A/BD-2 Antibody (Internal); Rabbit Polyclonal (IgG) to Mouse DEFB4A/BD-2; DEFB4A; Beta-defensin 2; Beta-defensin 4A; DEFB-2; DEFB102; Defensin; beta 2; beta 4; beta 4A; DEFB4; DEFB2; HBD-2; Skin-antimicrobial peptide 1; BD-2; SAP1; anti-DEFB4A/BD-2 antibody

PRODUCT SPECIFICATIONS

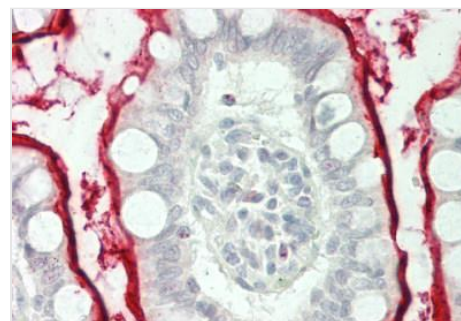
Host	Rabbit
Reactivity	Human Predicted: Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Defensin beta 2 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	64
Applicable Applications for anti-DEFB4A/BD-2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the central region of human Defensin beta 2.
Conjugation	Unconjugated
Epitope	Internal
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



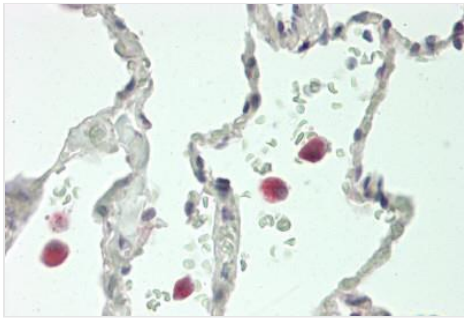
WB (Western Blot)

Western blot analysis of Defensin beta 2 expression in HEK293T (A); Raw264.7 (B); PC12 (C) whole cell lysates.



IHC (Immunohistochemistry)

Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human Lung: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-DEFB4A/BD-2 antibody	Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 4, an antibiotic peptide which is locally regulated by inflammation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826692
NCBI GeneID	1673
NCBI Accession #	NP_004933.1
NCBI GenBank Nucleotide #	NM_004942.3
UniProt Accession #	O15263; Q52LC0
Molecular Weight	7,038 Da
NCBI Official Full Name	beta-defensin 4A
NCBI Official Synonym Full Names	defensin beta 4A
NCBI Official Symbol	DEFB4A
NCBI Official Synonym Symbols	BD-2; SAP1; DEFB2; DEFB4; HBD-2; DEFB-2; DEFB102
NCBI Protein Information	beta-defensin 4A
UniProt Protein Name	Beta-defensin 4A
UniProt Gene Name	DEFB4A
UniProt Synonym Gene Names	DEFB102; DEFB2; DEFB4; BD-2; hBD-2; SAP1

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.