

DATASHEET

Defensin beta 121 Rabbit Polyclonal Antibody

CAT. NO. APA14060

KEY FEATURES

Target	Defensin beta 121	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Has antibacterial activity.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

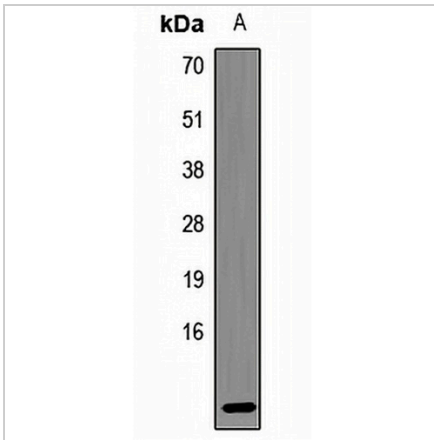
Description	Rabbit polyclonal antibody to Defensin beta 121
Specificity	Recognizes endogenous levels of Defensin beta 121 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Defensin beta 121
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 8 kD; Observed: 8 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	DEFB21; Beta-defensin 121; Beta-defensin 21; DEFB-21; Defensin, beta 121
Gene Symbol	DEFB121
Entrez Gene	245934(Human)
SwissProt	Q5J5C9(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Defensin beta 121 expression in HepG2 (A) whole cell lysates. (Predicted band size: 8 kD; Observed band size: 8 kD)

 Data 2

Immunohistochemical analysis of Defensin beta 121 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.