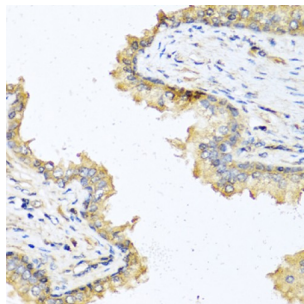


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Defensin Beta 121 (DEFB121) Antibody

Catalogue No.: abx001120



Immunohistochemistry of paraffin-embedded human prostate using DEFB121 antibody (abx001120) at dilution of 1/100 (40x lens).

DEFB121 Antibody is a Rabbit Polyclonal antibody against DEFB121. β -defensins (also designated BDs, or hBDs in human) are small cationic peptides with broad-spectrum antimicrobial activity against a variety of enveloped viruses, fungi and bacteria. Produced in mucosal epithelia and neutrophils of several species, β -defensins are developmentally regulated. The family of β -defensin proteins share a common defensin-motif that is characterized by multiple cysteine residues and a highly conserved tertiary structure. Besides playing a significant role in host immune defense, many β -defensins also are involved in sperm maturation and capacitation. β -defensin 121 is a 76 amino acid secreted protein that most likely contains a signal peptide sequence that requires cleavage by proteolytic enzymes in order to become biologically active. While expressed at low levels in testis, β -defensin 121 is abundantly expressed in epididymal caput and corpus and, unlike other β -defensins, it does not appear to be regulated by androgens.

Target: DEFB121

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: IHC

Recommended dilutions: IHC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human DEFB121.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

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Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 8 kDa

Swiss Prot: [Q5J5C9](#)

GeneID: [245934](#)

Gene Symbol: DEFB121

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.