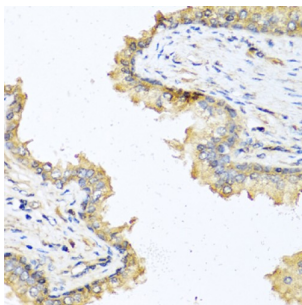
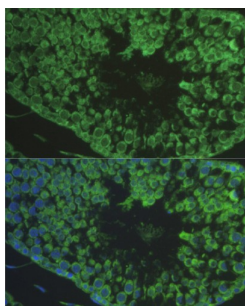


Defensin Beta 121 (DEFB121) Antibody

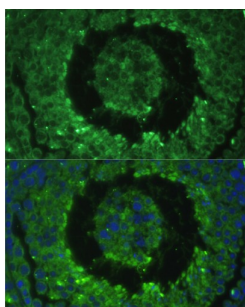
Catalogue No.: abx001120



Immunohistochemistry of paraffin-embedded Human prostate using DEFB121 Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of Rat testis cells using DEFB121 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Mouse testis cells using DEFB121 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

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: Defensin Beta 121 (DEFB121)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: IHC, IF/ICC

Datasheet

Version: 4.0.0
Revision date: 16 Oct 2025



Host: Rabbit

Recommended dilutions: IHC-P: 1/50 - 1/100, IF/ICC: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human DEFB121

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

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

UniProt Primary AC: Q5J5C9 ([UniProt](#), [ExPASy](#))

Gene Symbol: DEFB121

GeneID: [245934](#)

NCBI Accession: NP_001011878.1

KEGG: hsa:245934

String: [9606.ENSP00000417128](#)

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

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.