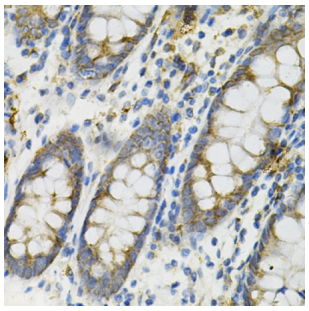
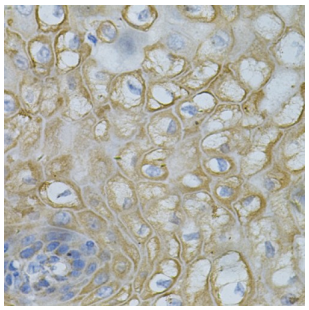
Beta-Defensin 132 (DEFB132) Antibody

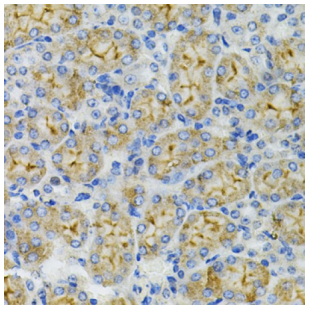
Catalogue No.:abx000997



Immunohistochemistry of paraffin-embedded Human colon using DEFB132 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human esophagus using DEFB132 Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse kidney using DEFB132 Antibody (1/100 dilution, 40x lens).

DEFB132 Antibody is a Rabbit Polyclonal antibody against DEFB132. ∫-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, ∫-defensins are developmentally regulated. The family of ∫-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 ∫-defensins also are involved in sperm maturation and capacitation. ∫-defensin 32, also known as ∫-defensin 132, is a 95 amino acid secreted protein that most likely contains a signal peptide sequence that requires cleavage by proteolytic enzymes in order to become biologically active.

Target:	Beta-Defensin 132 (DEFB132)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	IHC

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Host:	Rabbit
Recommended dilutions:	IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human DEFB132
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q7Z7B7 (UniProt, ExPASy)
Gene Symbol:	DEFB132
GeneID:	400830
NCBI Accession:	NP_997352.1
KEGG:	hsa:400830
String:	9606.ENSP00000371813
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.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com