

## DEFB132

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**11kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human DEFB132

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

DEFB32; UNQ827

**Catalog #:**A1074

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**400830

**Isotype:**IgG

**Swiss Prot:**Q7Z7B7

**Purity:**Affinity purification

For research use only.

**Background:**

-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.

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