

DB114 rabbit pAb

Cat No.: ES17015

For research use only

Overview

Product Name DB114 rabbit pAb

Host species Rabbit
Applications IHC;IF

Species Cross-Reactivity Human;Rat;Mouse; **Recommended dilutions** IHC-p 1: 50-200

Immunogen Synthesized peptide derived from human DB114 AA

range: 6-56

Specificity This antibody detects endogenous levels of DB114

at Human

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name DB114

Gene Name DEFB114 DEFB14

Cellular localization Secreted.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 245928 Human Swiss-Prot Number Q30KQ6

Alternative Names

Background Defensins form a family of antimicrobial and

cytotoxic peptides made by neutrophils. Defensins are short, processed peptide molecules that are

classified by structure into three groups: alpha-defensins, beta-defensins and

theta-defensins. All beta-defensin genes are densely clustered in four to five syntenic chromosomal regions. The protein encoded by this gene is a beta-defensin with antimicrobial activity against E.

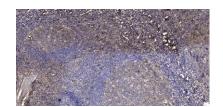


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coli, S. aureus, and C. albicans. The encoded protein also binds and neutralizes lipopolysaccharide (LPS), a factor involved in inflammatory diseases and male reproductive issues. [provided by RefSeq, Nov 2014],



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Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

