



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.





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],

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).

