

## DB114 rabbit pAb

<b>Catalog No :</b>	YT7692
<b>Reactivity :</b>	Human
<b>Applications :</b>	IHC;IF
<b>Target :</b>	DB114
<b>Gene Name :</b>	DEFB114 DEFB14
<b>Protein Name :</b>	DB114
<b>Human Gene Id :</b>	245928
<b>Human Swiss Prot No :</b>	Q30KQ6
<b>Immunogen :</b>	Synthesized peptide derived from human DB114 AA range: 6-56
<b>Specificity :</b>	This antibody detects endogenous levels of DB114 at Human
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:50-200. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	8kD
<b>Background :</b>	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],

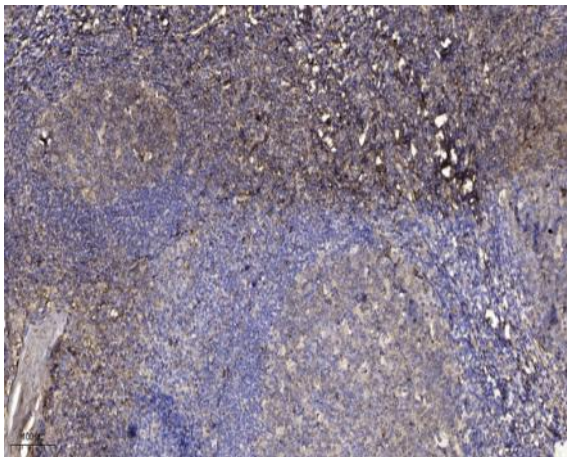
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**Function :** function:Has antibacterial activity.,similarity:Belongs to the beta-defensin family.,

**Subcellular Location :** Secreted .

**Expression :** Expressed in epididymis, predominantly in the caput (at protein level).

## Products Images



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).