



## Rabbit Anti-DEFB118 antibody

SL14249R

<b>Product Name:</b>	DEFB118
<b>Chinese Name:</b>	防御素β-118/β-defensin 118抗体
<b>Alias:</b>	beta 118; Beta-defensin 118; Beta-defensin 118 precursor; Beta-defensin 18; C20orf63; Chromosome 20 open reading frame 63; DB118_HUMAN; DEFB-18; DEFB118; Defensin; Defensin beta 18; Defensin, beta 118; Epididymal secretory protein 13.6; epididymus specific clone 42; ESC42; ESP13.6.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	4.9kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human DEFB118:20-62/123
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a member of the beta subfamily of defensins. Beta-defensins are antimicrobial peptides that protect tissues and organs from infection by a variety of microorganisms. Expression of this gene is regulated by androgen, and the encoded protein binds to sperm and exhibits antibacterial activity. This gene is found in a cluster

with other beta-defensin genes on the long arm of chromosome 20. [provided by RefSeq, Dec 2010]

**Function:**

Has antibacterial activity.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

High-level and epididymis-specific expression. Most abundant in the epithelium of the caput and is also present in the lumen and bound to sperm. Expressed also in pancreas.

**Similarity:**

Belongs to the beta-defensin family.

**SWISS:**

Q96PH6

**Gene ID:**

117285

**Database links:**

[Entrez Gene: 117285](#) Human

[Omim: 607650](#) Human

[SwissProt: Q96PH6](#) Human

[Unigene: 274124](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.