

## Rabbit Anti-DEFB112 antibody

SL14245R

**Product Name** DEFB112

**Chinese Name** 防御素  $\beta$ -112/ $\beta$ -defensin 112 抗体

**Alias** beta 112; Beta-defensin 112; Beta-defensin 12; DB112\_HUMAN; DEFB-12; DEFB112; Defensin.

**Research Area** Cell biology immunology Developmental biology

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** Human

**Applications** IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 13kDa

**Cellular localization** cytoplasmic

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human DEFB112: 41-113/113

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

**PubMed** [PubMed](#)

**Product** beta-defensins are small cationic peptides with broad-spectrum antimicrobial activity

## Detail

against a variety of enveloped viruses, fungi and bacteria. Produced in mucosal epithelia and neutrophils of several species, beta-defensins are developmentally regulated. The family of beta-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 beta-defensins also are involved in sperm maturation and capacitation. beta-defensin 112 is a 113 amino acid secreted protein that has antibacterial activity.

### Function:

Has antibacterial activity.

### Subcellular Location:

Secreted.

### Similarity:

Belongs to the beta-defensin family.

### SWISS:

Q30KQ8

### Gene ID:

245915

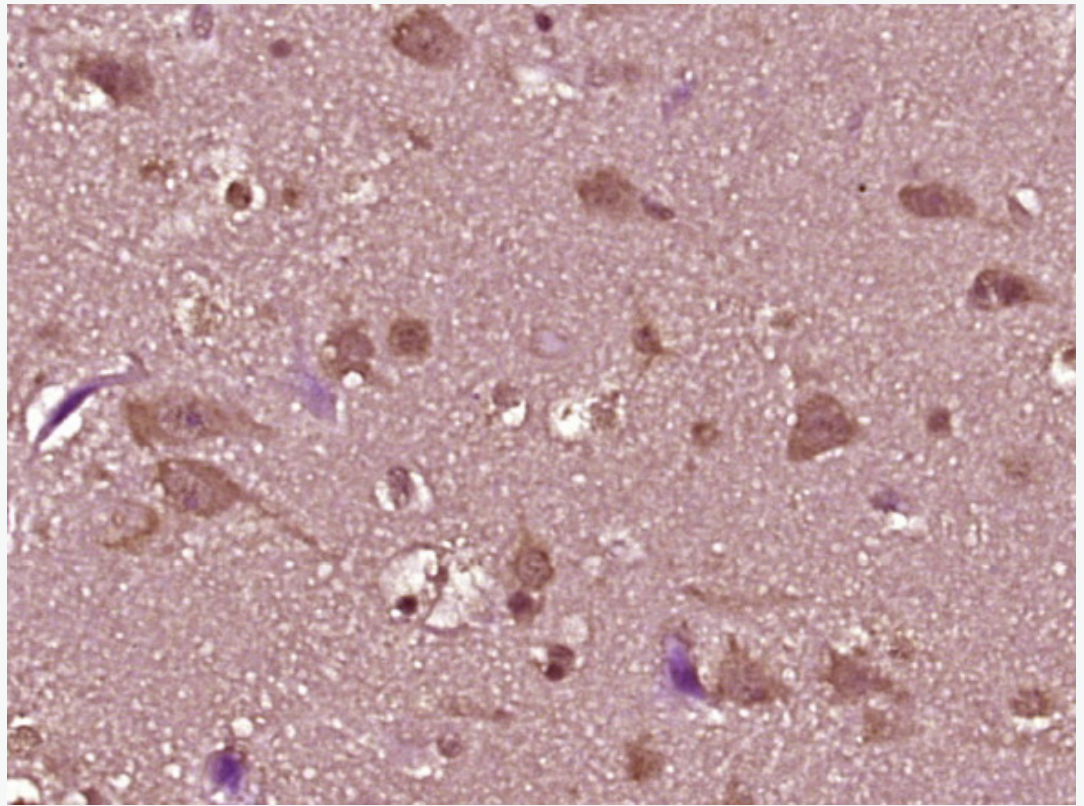
### Database links:

[Entrez Gene: 245915](#) Human

[SwissProt: Q30KQ8](#) Human

[Unigene: 571092](#) Human

**Product  
Picture**



Paraformaldehyde-fixed, paraffin embedded (Human glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DEFB112) Polyclonal Antibody, Unconjugated (SL14245R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.