

DEFB1 polyclonal antibody

Catalog: BS60361

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

β -defensins (also designated BD, and hBD in human) are small cationic peptides with broad-spectrum antimicrobial activity. Produced in mucosal epithelia and neutrophils of several species, β -defensins are developmentally regulated. Research indicates that human β -defensin 1 may contribute to the antimicrobial activity of airway surface fluid and may play a role in the mucosal defenses of the lung. Human β -defensin 1 shares homology with other β -defensins from human blood filtrate and is also present in nanomolar concentrations in human plasma. In addition to the antimicrobial activity of human airway epithelia, β -defensin 1 may play a role in the mucosal defenses of the lung.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 7 kDa

Swiss-Prot:

P60022

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

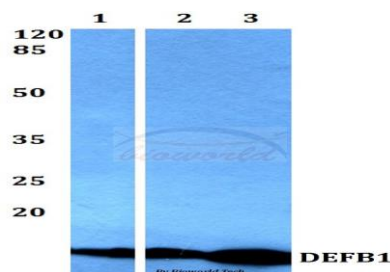
WB: 1:500~1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

DEFB1 polyclonal antibody detects endogenous levels of DEFB1 protein.

DATA:

Western blot (WB) analysis of DEFB1 polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: Mouse liver tissue lysate

Lane3: Rat heart tissue lysate

Note:

For research use only, not for use in diagnostic procedure.

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