

DEFB4 polyclonal antibody

Catalog: BS60360

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. Human b-defensin 2 is locally regulated by inflammation and is the first member of the b-defensin family that is locally inducible by inflammation. The murine homolog of human b-defensin 2, which is called b-defensin 3, is present in the respiratory system and in low levels in the epithelial cells of the intestine and lung. The unique murine b-defensin 2 (Defb2) is not expressed in airways of untreated mice, but is upregulated in the airways by lipopolysaccharide and may contribute to host defense at the mucosal surface of the airways.

Product:

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

Molecular Weight:

~ 7 kDa

Swiss-Prot:

O15263

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

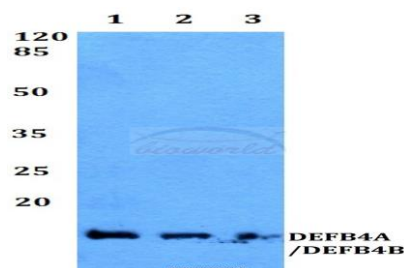
Storage&Stability:

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

Specificity:

DEFB4 polyclonal antibody detects endogenous levels of DEFB4A/DEFB4B protein.

DATA:



Western blot (WB) analysis of DEFB4 polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: Raw264.7 whole cell lysate

Lane3: PC12 whole cell lysate

Note:

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

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