LATH polyclonal antibody

Catalog: BS60520 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The PLUNC family of proteins are encoded by genes which map to chromosome 20 and are thought to play a potential role in the innate immune response in regions of the mouth, nose and lungs. As a member of the PLUNC family, BASE (breast cancer and salivary gland-expressed protein) is a 179 amino acid secreted protein that is named for its expression pattern. Due to its 63% sequence similarity with the related protein, Latherin, it is suggested that BASE is the major protein in sweat secretions and has important surfactant properties that lower surface tension. The expression pattern of BASE in many breast cancer cell lines suggests that it may be an easily accessible diagnostic breast cancer marker. Due to the fact that the gene encoding BASE is highly estrogen-repressed, expression of the gene is most likely dependent on HNF-3α and estrogen-mediated repression requiring ERα.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 19 kDa

Swiss-Prot:

Q86YQ2

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

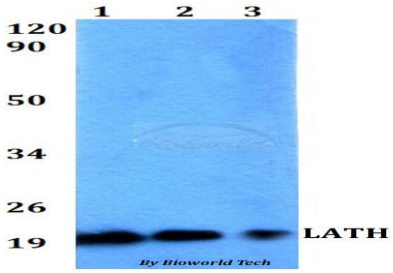
Storage&Stability:

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

Specificity:

LATH polyclonal antibody detects endogenous levels of LATH protein.

DATA:



Western blot (WB) analysis of LATH 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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