bs-5765R **[Primary Antibody]**

LANCL2 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 55915 **SWISS:** Q9NS86

Target: LANCL2

Immunogen: KLH conjugated synthetic peptide derived from human LANCL2: 331-430/460.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: bs-5765P is one synthetic peptide derived from human LANCL2. LANCL2 belongs to the LanC like protein family. It is expressed in the brain and testis. LANCL2 is a bystander gene coamplified and overexpressed with epidermal growth factor receptor (EGFR) in 20% of all glioblastomas. Its exogenous expression in a sarcoma cell line decreases the expression of ABCB1 (P glycoprotein 1) and increases cellular sensitivity to an anticancer drug (adriamycin).

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Chicken, Dog)

Predicted MW.: 51 kDa

Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus

SELECTED CITATIONS

- **[IF=4.2]** Zhengjia Yang. et al. Neuroprotective Effect of Abscisic Acid on MPTP-Induced Parkinson's Disease in Mice. MOL NUTR FOOD RES. 2025 May;:e70111 WB ;Mouse. 40357876
- **[IF=3.37]** Dylan Maixner. et al. Phytohormone abscisic acid ameliorates neuropathic pain via regulating LANCL2 protein abundance and glial activation at the spinal cord :. MOL PAIN. 0;(): WB ;Rat. 35647699