PRLH polyclonal antibody

Catalog: BS31736 Host: Rabbit Reactivity: Mouse

BackGround:

PRLH (prolactin-releasing hormone) is a neuropeptide precursor that is cleaved to produce prolactin-releasing peptide (PrRP), which stimulates prolactin release from the pituitary and is involved in the regulation of food intake, energy homeostasis and stress responses. PrRP and its receptor GPR10 are studied in neuroendocrinology and metabolic research.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~9.47 kDa

Swiss-Prot:

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

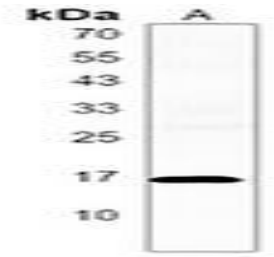
Storage&Stability:

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

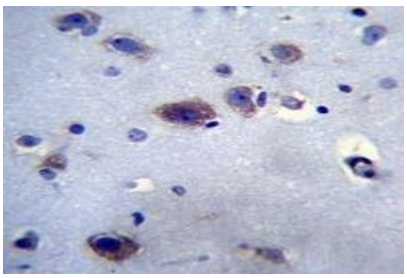
Specificity:

Recognizes endogenous levels of PRLH protein.

DATA:



Western blot analysis of CD138 expression in MCF7 (A), Hela (B), HepG2 (C), T47D (D), SW620 (E), Jurkat (F), NIH/3T3 (G) whole cell lysates.



Immunohistochemical analysis of CD138 staining in human ovarian cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunofluorescent analysis of CD138 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ℃ in a hidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Flow cytometric analysis of HepG2 cells using Anti-CD138 Antibody (green) and negative control (red).

Note:

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

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