

GFRA4 polyclonal antibody

Catalog: BS31753

Host: Rabbit

Reactivity: Human

BackGround:

GDNF family receptor alpha-4: Receptor for persephin (PSPN), a growth factor that exhibits neurotrophic activity on mesencephalic dopaminergic and motor neurons . Acts by binding to its coreceptor, GFRA4, leading to autophosphorylation and activation of the RET receptor . May be important in C-cell development and, in the postnatal development of the adrenal medulla

Product:

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

Molecular Weight:

~31.7 kDa

Swiss-Prot:

Q9GZZ7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

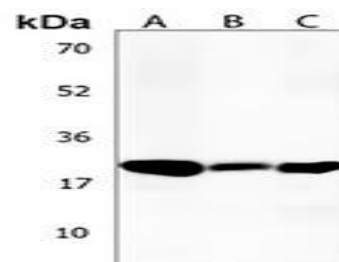
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of GFRA4 protein.

DATA:



Western blot analysis of IL-8 expression in THP-1 treated with TPA (A) whole cell lysates.

Immunofluorescent analysis of IL-8 staining in THP1 treated with TPA 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 °C in a humidified 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).

Note:

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

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