

GFRA1 polyclonal antibody

Catalog: BS71951

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a member of the glial cell line-derived neurotrophic factor receptor (GDNFR) family of proteins. The encoded preproprotein is proteolytically processed to generate the mature receptor. Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. This receptor is a glycosylphosphatidylinositol (GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for Hirschsprung disease. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

55kDa

Swiss-Prot:

P56159

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 - 1:2000 | IHC, 1:50 - 1:200 | IF/ICC, 1:50 - 1:200

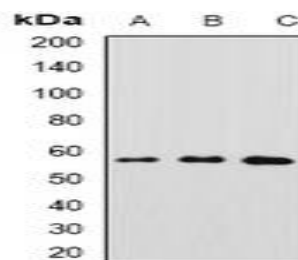
Storage&Stability:

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

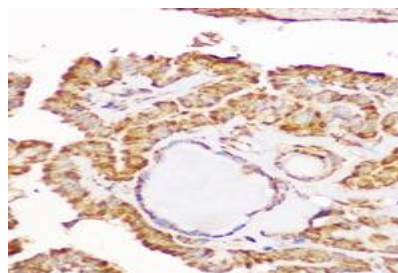
Specificity:

GFRA1 polyclonal antibody detects endogenous levels of GFRA1 protein.

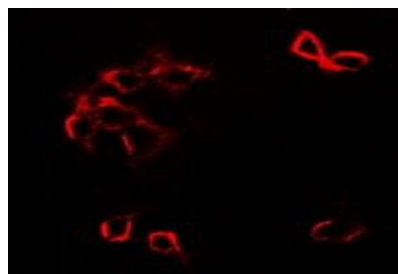
DATA:



Western blot analysis of GFRA1 expression in MCF7 (A), A549 (B), SW480 (C) whole cell lysates.



Immunohistochemical analysis of GFRA1 staining in human thyroid cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of GFRA1 staining in SW480 cells.

Note:

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

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