GFRA4 Antibody

PACO18433

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000, IHC:1:25-1:100

Protein Background:

Association of the receptor Fas with its ligand FasL triggers an apoptotic pathway that plays an important role in immune regulation, development, and progression of cancers. Loss of function mutation in either Fas (lpr mice) or FasL (gld mice) leads to lymphadenopathy and splenomegaly as a result of decreased apoptosis in CD4-CD8- T lymphocytes. FasL (CD95L, Apo-1L) is a type II transmembrane protein of 280 amino acid, (runs at approximately 40 kDa upon glycosylation) that belongs to the TNF family, which also includes TNF- alpha , TRAIL, and TWEAK. Binding of FasL to its receptor triggers the formation of a death-inducing signaling complex (DISC) involving the recruitment of the adaptor protein FADD and caspase-8. Activation of caspase-8 from this complex initiates a caspase cascade resulting in the activation of caspase-3 and subsequent cleavage of proteins leading to apoptosis.

Gene ID:

GFRA4

Uniprot

Q9GZZ7

Synonyms:

GDNF family receptor alpha 4

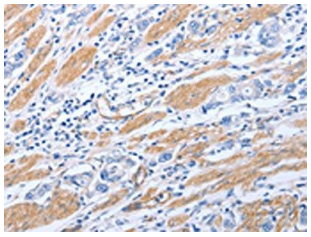
Immunogen:

Synthetic peptide of human GFRA4.

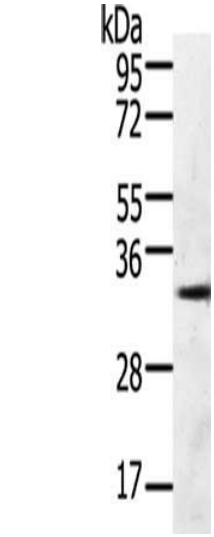
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

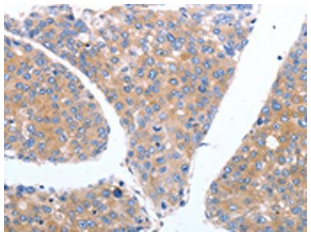
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PACO18433(GFRA4 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 60 μ g, Lane: 293T cells, Primary antibody: PACO18433(GFRA4 Antibody) at dilution 1/600, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PACO18433(GFRA4 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).

