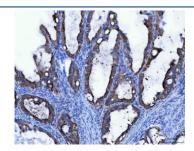


TFG Antibody / TRK fused gene protein (RQ7433)

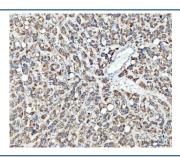
Catalog No.	Formulation	Size
RQ7433	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

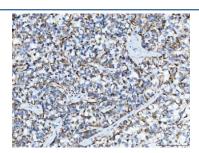
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q92734
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This TFG antibody is available for research use only.



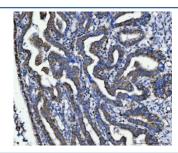
IHC staining of FFPE human ovarian cancer tissue with TFG antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



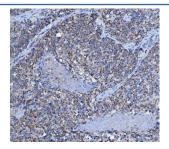
IHC staining of FFPE human liver cancer tissue with TFG antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



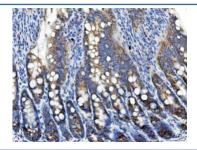
IHC staining of FFPE human breast cancer tissue with TFG antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



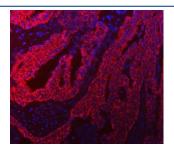
IHC staining of FFPE human cervical cancer tissue with TFG antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



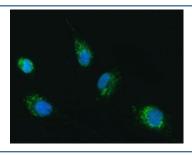
IHC staining of FFPE human lung tissue with TFG antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



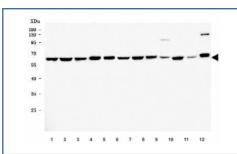
IHC staining of FFPE rat colon tissue with TFG antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human colon cancer tissue with TFG antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



Immunofluorescent staining of FFPE human U-87 MG cells with TFG antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human MCF7, 2) human HeLa, 3) human A549, 4) human PC-3, 5) human A431, 6) human U-87 MG, 7) human HaCaT, 8) human T-47D, 9) rat pancreas, 10) rat PC-12, 11) mouse small intestine and 12) mouse HEPA1-6 cell lysate with TFG antibody. Predicted molecular weight ~43 kDa, commonly observed at 50-60 kDa.

Description

Protein TFG is a protein that in humans is encoded by the TFG gene. There are several documented fusion oncoproteins encoded partially by this gene. This gene also participates in several oncogenic rearrangements resulting in anaplastic lymphoma and mixoid chondrosarcoma, and may play a role in the NF-kappaB pathway. Multiple transcript variants have been found for this gene.

Application Notes

Optimal dilution of the TFG antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D121-R400) was used as the immunogen for the TFG antibody.

Storage

After reconstitution, the TFG antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.