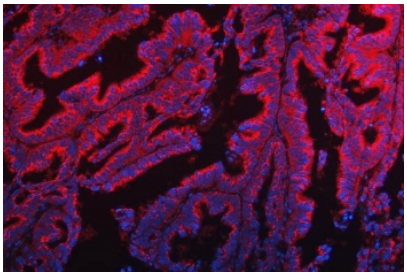
TTC7B Antibody / Tetratricopeptide repeat protein 7B (RQ7598)

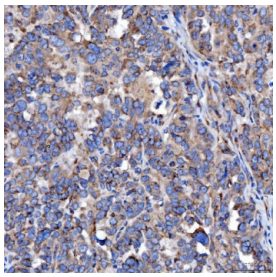
Catalog No.	Formulation	Size
RQ7598	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

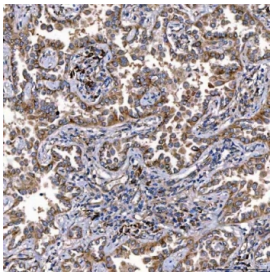
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q86TV6
Localization	Cytoplasm, cell membrane
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Flow cytometry: 1-3ug/million cells Immunofluorescence: 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This TTC7B antibody is available for research use only.



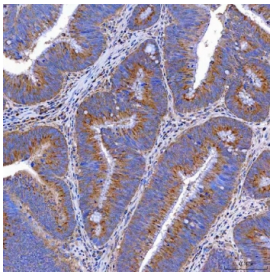
Immunofluorescent staining of FFPE human ovarian cancer tissue with TTC7B antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



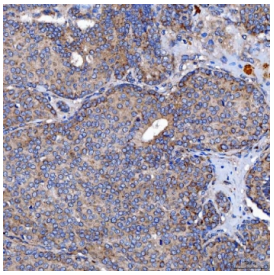
IHC staining of FFPE human ovarian cancer tissue with TTC7B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



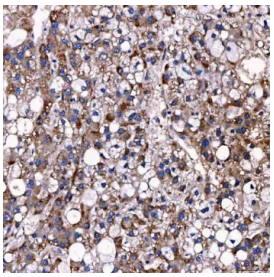
IHC staining of FFPE human lung cancer tissue with TTC7B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



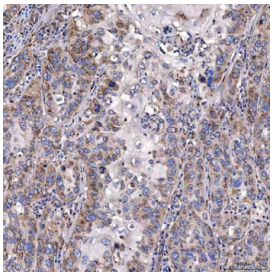
IHC staining of FFPE human colorectal adenocarcinoma tissue with TTC7B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



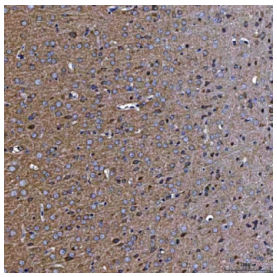
IHC staining of FFPE human breast cancer tissue with TTC7B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



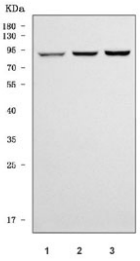
IHC staining of FFPE human liver cancer tissue with TTC7B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



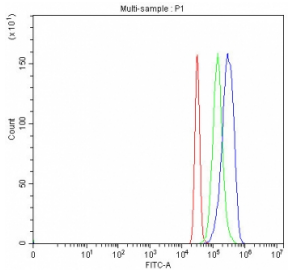
IHC staining of FFPE human laryngeal squamous cell carcinoma tissue with TTC7B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat brain tissue with TTC7B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human HEL, 2) rat brain and 3) mouse brain tissue lysate with TTC7B antibody. Predicted molecular weight ~94 kDa.



Flow cytometry testing of human HepG2 cells with TTC7B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TTC7B antibody.

Description

Component of a complex required to localize phosphatidylinositol 4-kinase(PI4K) to the plasma membrane. The complex acts as a regulator of phosphatidylinositol 4-phosphate(PtdIns(4)P) synthesis. In the complex, plays a central role in bridging PI4KA to EFR3B and FAM126A, via direct interactions

Application Notes

Optimal dilution of the TTC7B antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E275-H730) was used as the immunogen for the TTC7B antibody.

Storage

After reconstitution, the TTC7B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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