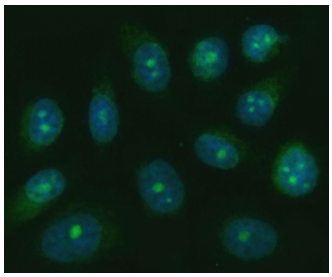
TRANK1 Antibody / TPR and ankyrin repeat-containing protein 1 (RQ7543)

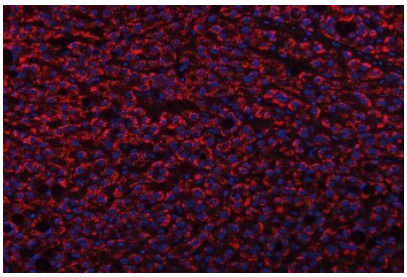
Catalog No.	Formulation	Size
RQ7543	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

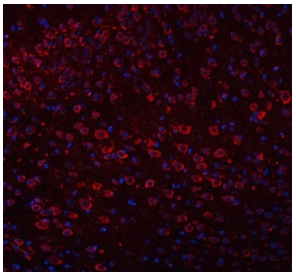
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O15050
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This TRANK1 antibody is available for research use only.



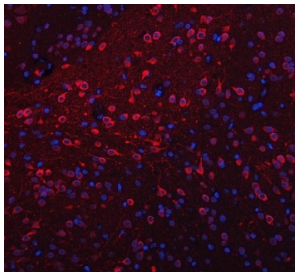
Immunofluorescent staining of FFPE human PC-3 cells with TRANK1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



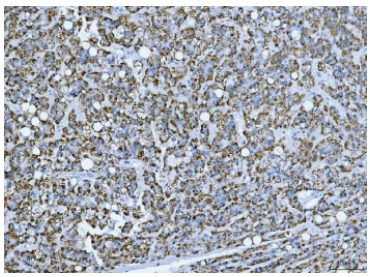
Immunofluorescent staining of FFPE human liver cancer tissue with TRANK1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



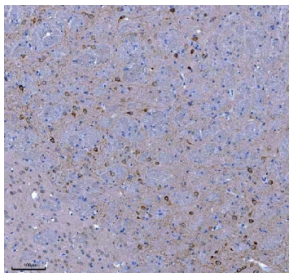
Immunofluorescent staining of FFPE mouse brain tissue with TRANK1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



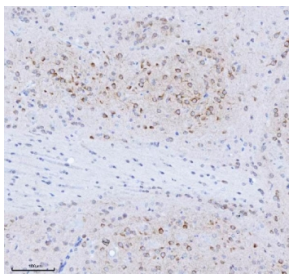
Immunofluorescent staining of FFPE rat brain tissue with TRANK1 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



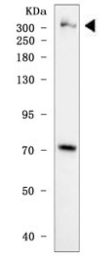
IHC staining of FFPE human liver cancer tissue with TRANK1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



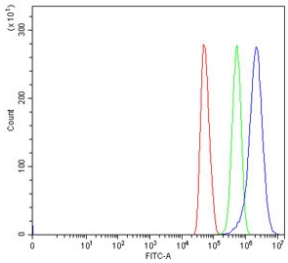
IHC staining of FFPE mouse brain tissue with TRANK1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



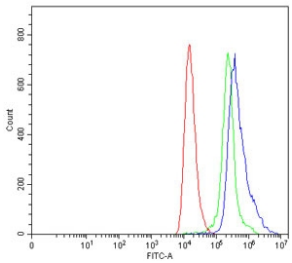
IHC staining of FFPE rat brain tissue with TRANK1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human Daudi cell lysate with TRANK1 antibody. Predicted molecular weight ~336 kDa.



Flow cytometry testing of human U-251 cells with TRANK1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TRANK1 antibody.



Flow cytometry testing of human HEL cells with TRANK1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TRANK1 antibody.

Description

Tetratricopeptide repeat and ankyrin repeat containing 1 is a protein that in humans is encoded by the TRANK1 gene. Predicted to enable ATP binding activity.

Application Notes

Optimal dilution of the TRANK1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids K1926-R2763) was used as the immunogen for the TRANK1 antibody.

Storage

After reconstitution, the TRANK1 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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