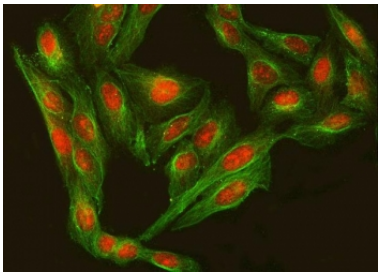
Regulatory factor X 3 Antibody / RFX3 (RQ7762)

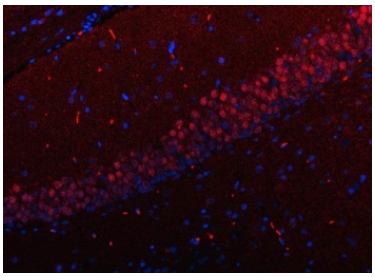
Catalog No.	Formulation	Size
RQ7762	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

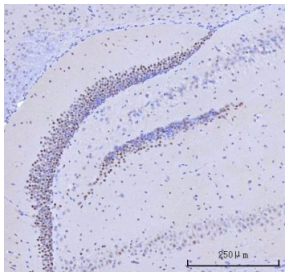
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P48380
Localization	Nuclear
Applications	Western 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 Regulatory factor X 3 antibody is available for research use only.



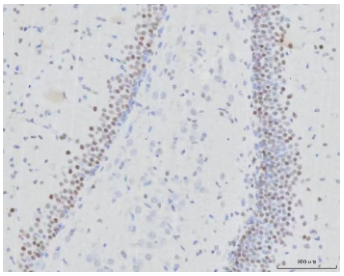
Immunofluorescent staining of FFPE human U-2 OS cells with Regulatory factor X 3 antibody (red) and Alpha Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



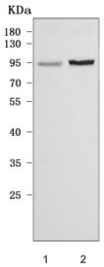
Immunofluorescent staining of FFPE rat brain tissue with Regulatory factor X 3 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



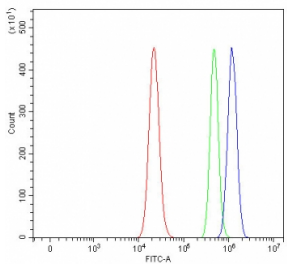
IHC staining of FFPE mouse brain tissue with Regulatory factor X 3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat brain tissue with Regulatory factor X 3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) HEL and 2) SH-SY5Y cell lysate with Regulatory factor X 3 antibody. Predicted molecular weight ~84 kDa.



Flow cytometry testing of human RT4 cells with Regulatory factor X 3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Regulatory factor X 3 antibody.

Description

Transcription factor RFX3 is a protein that in humans is encoded by the RFX3 gene. This gene is a member of the regulatory factor X gene family, which encodes transcription factors that contain a highly-conserved winged helix DNA binding domain. The protein encoded by this gene is structurally related to regulatory factors X1, X2, X4, and X5. It is a transcriptional activator that can bind DNA as a monomer or as a heterodimer with other RFX family members. Multiple transcript variants encoding different isoforms have been described for this gene.

Application Notes

Optimal dilution of the Regulatory factor X 3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids Q283-V749) was used as the immunogen for the Regulatory factor X 3 antibody.

Storage

After reconstitution, the Regulatory factor X 3 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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