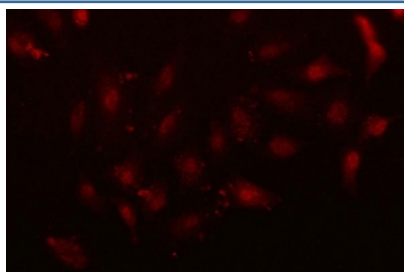


NFIX Antibody / Nuclear factor 1 X-type / CTF (RQ8131)

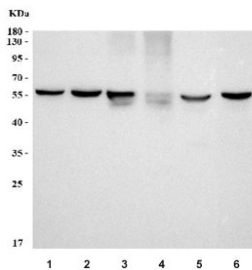
Catalog No.	Formulation	Size
RQ8131	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

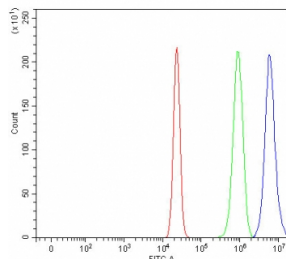
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q14938
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This NFIX antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with NFIX antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) human A549, 3) human U-251, 4) human PC-3, 5) rat brain and 6) mouse brain tissue lysate with NFIX antibody. Predicted molecular weight ~55 kDa.



Flow cytometry testing of fixed and permeabilized human U-2 OS cells with NFIX antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NFIX antibody.

Description

Nuclear factor 1 X-type, also called CCAAT-box-binding transcription factor (CTF) is a protein that in humans is encoded by the NFIX gene. The protein encoded by this gene is a transcription factor that binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' in viral and cellular promoters. The encoded protein can also stimulate adenovirus replication *in vitro*. Three transcript variants encoding different isoforms have been found for this gene.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids A246-D410) was used as the immunogen for the NFIX antibody.

Storage

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