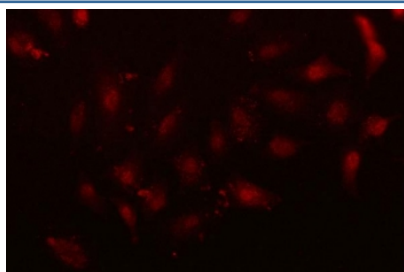


## NFIX Antibody / Nuclear factor 1 X-type / CTF (RQ8131)

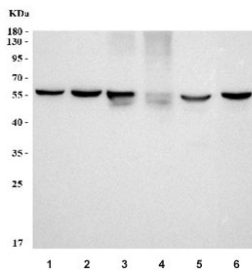
Catalog No.	Formulation	Size
RQ8131	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

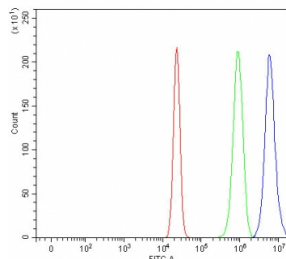
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>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