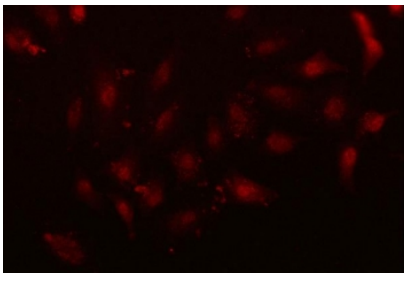
NFIX Antibody / Nuclear factor 1 X-type / CTF (RQ8131)

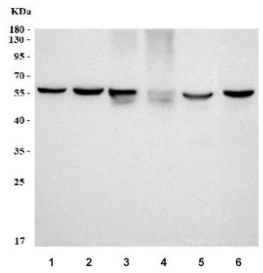
Catalog No.	Formulation	Size
RQ8131	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

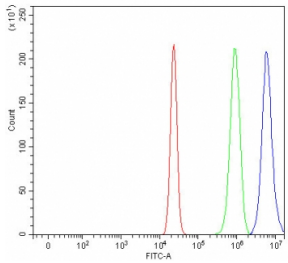
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q14938
Localization	Nuclear
Applications	Western 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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
Copyright © NSJ Bioreagents. All rights reserved.