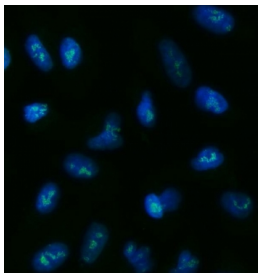
TOX2 Antibody / GCX-1 (RQ7554)

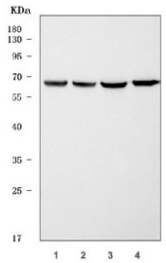
Catalog No.	Formulation	Size
RQ7554	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

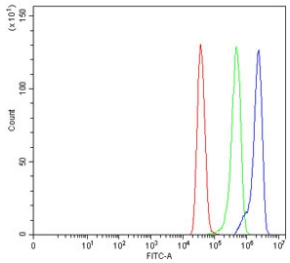
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q96NM4
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This TOX2 antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with TOX2 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) rat thymus, 2) rat liver, 3) mouse thymus and 4) mouse liver tissue lysate with TOX2 antibody. Predicted molecular weight ~52 kDa, commonly observed at 52-70 kDa.



Flow cytometry testing of human MCF7 cells with TOX2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TOX2 antibody.

Description

TOX high mobility group box family member 2 (TOX2), also known as Granulosa cell HMG box protein 1 (GCX-1), is a human gene. Enables transcription coactivator activity. Involved in positive regulation of transcription by RNA polymerase II. Located in nucleoplasm.

Application Notes

Optimal dilution of the TOX2 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids Q41-A425) was used as the immunogen for the TOX2 antibody.

Storage

After reconstitution, the TOX2 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
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