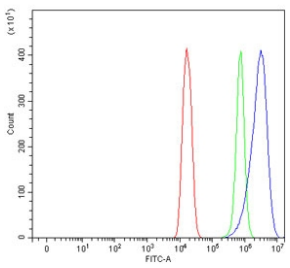
FXR2 Antibody / Fragile X mental retardation syndrome-related protein 2 (RQ7174)

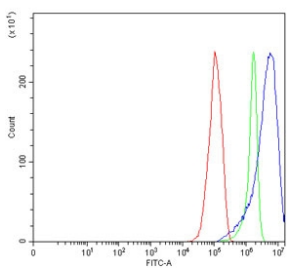
Catalog No.	Formulation	Size
RQ7174	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

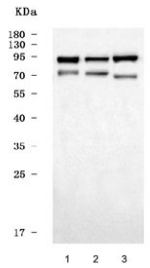
Availability	1-3 business days
Species Reactivity	Human, Mouse, Monkey
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P51116
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This FXR2 antibody is available for research use only.



Flow cytometry testing of mouse HEPA1-6 cells with FXR2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= FXR2 antibody.



Flow cytometry testing of human RT4 cells with FXR2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= FXR2 antibody.



Western blot testing of 1) monkey COS-7, 2) human U-251 and 3) human SH-SY5Y cell lysate with FXR2 antibody. Predicted molecular weight ~74 kDa but commonly observed at up to ~100 kDa.

Description

Fragile X mental retardation syndrome-related protein 2 is a protein that in humans is encoded by the FXR2 gene. The protein encoded by this gene is a RNA binding protein containing two KH domains and one RCG box, which is similar to FMRP and FXR1. It associates with polyribosomes, predominantly with 60S large ribosomal subunits. This encoded protein may self-associate or interact with FMRP and FXR1. It may have a role in the development of fragile X cognitive disability syndrome.

Application Notes

Optimal dilution of the FXR2 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids N153-K651) was used as the immunogen for the FXR2 antibody.

Storage

After reconstitution, the FXR2 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