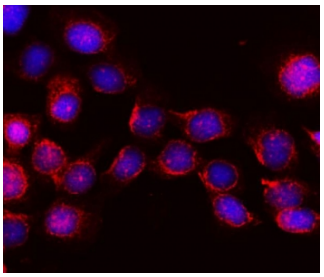
KIBRA Antibody / WWC1 (RQ5851)

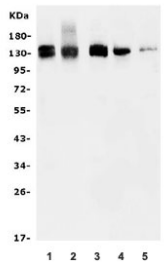
Catalog No.	Formulation	Size
RQ5851	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

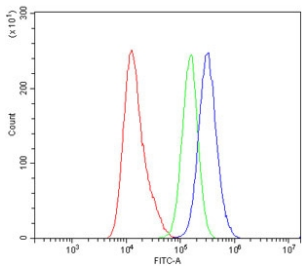
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q8IX03
Localization	Cytoplasmic, nuclear, plasma membrane
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 2-4ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This KIBRA antibody is available for research use only.



Immunofluorescent staining of FFPE human A431 cells with KIBRA antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) MCF7, 2) MDA-MB-453, 3) HEK293, 4) rat brain and 5) mouse brain lysate with KIBRA antibody. Predicted molecular weight ~125 kDa.



Flow cytometry testing of human A431 cells with KIBRA antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= KIBRA antibody.

Description

Protein KIBRA also known as 'kidney and brain expressed protein' or WW domain-containing protein 1 (WWC1) is a protein that in humans is encoded by the WWC1 gene. The protein encoded by this gene is a cytoplasmic phosphoprotein that interacts with PRKC-zeta and dynein light chain-1. Alleles of this gene have been found that enhance memory in some individuals. Three transcript variants encoding different isoforms have been found for this gene.

Application Notes

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

Immunogen

Recombinant human protein (amino acids D990-Q1080) was used as the immunogen for the KIBRA antibody.

Storage

After reconstitution, the KIBRA 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