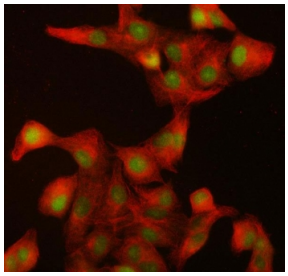
ILKAP Antibody / Integrin-linked kinase-associated serine/threonine phosphatase 2C (RQ8611)

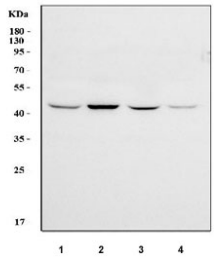
Catalog No.	Formulation	Size
RQ8611	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

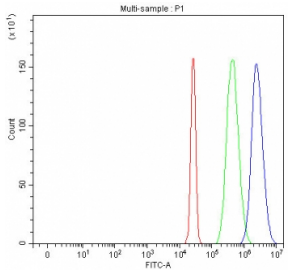
Availability	1-3 days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9H0C8
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This ILKAP antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with ILKAP antibody (green) and Beta Tubulin mAb (red). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa, 2) 293T, 3) HepG2 and 4) K562 cell lysate with ILKAP antibody. Predicted molecular weight ~43 kDa.



Flow cytometry testing of fixed and permeabilized human HepG2 cells with ILKAP antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ILKAP antibody.

Description

Integrin-linked kinase-associated serine/threonine phosphatase 2C is an enzyme that in humans is encoded by the ILKAP gene. The protein encoded by this gene is a protein serine/threonine phosphatase of the PP2C family. This protein can interact with integrin-linked kinase (ILK/ILK1), a regulator of integrin mediated signaling, and regulate the kinase activity of ILK. Through the interaction with ILK, this protein may selectively affect the signaling process of ILK-mediated glycogen synthase kinase 3 beta (GSK3beta), and thus participate in Wnt signaling pathway.

Application Notes

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

Immunogen

An E.coli-derived human recombinant protein (amino acids E90-H392) was used as the immunogen for the ILKAP antibody.

Storage

After reconstitution, the ILKAP 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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