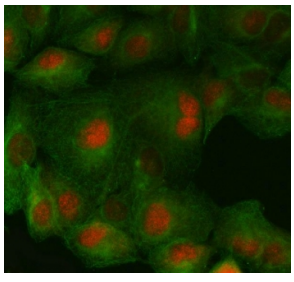
FAS-associated factor 1 Antibody / FAF1 (RQ7977)

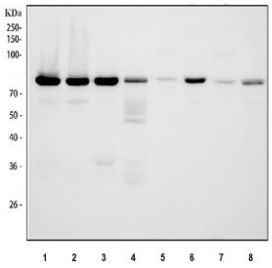
Catalog No.	Formulation	Size
RQ7977	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

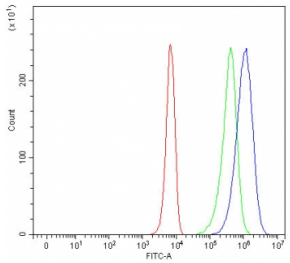
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UNN5
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This FAS-associated factor 1 antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with FAS-associated factor 1 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) human 293T, 3) human K562, 4) human ThP-1, 5) rat brain, 6) rat testis, 7) mouse brain and 8) mouse testis tissue lysate with FAS-associated factor 1 antibody. Expected molecular weight ~74 kDa.



Flow cytometry testing of human K562 cells with FAS-associated factor 1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= FAS-associated factor 1 antibody.

Description

Fas-associated factor-1 (FAF1) is a Fas-binding pro-apoptotic protein that is a component of the death-inducing signaling complex in Fas-mediated apoptosis. FAF1 is involved in negative regulation of NF-kappaB activation. In addition to the previously known function as a component of the Fas death-inducing signaling complex, i.e. NF-kappaB activity suppressor by cytoplasmic retention of NF-kappaB p65 via physical interaction. hFAF1 was expressed abundantly in testis, skeletal muscle, and heart as 2.8 kb mRNA. Polyclonal antibody against hFAF1 detected 74 kD protein, a deduced protein size from the ORF and 40 kD protein in some cell lines.

Application Notes

Optimal dilution of the FAS-associated factor 1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids R91-E650) was used as the immunogen for the FAS-associated factor 1 antibody.

Storage

After reconstitution, the FAS-associated factor 1 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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