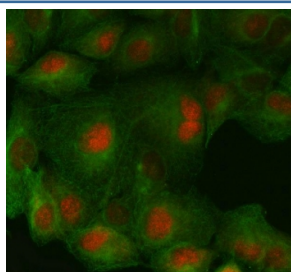


## FAS-associated factor 1 Antibody / FAF1 (RQ7977)

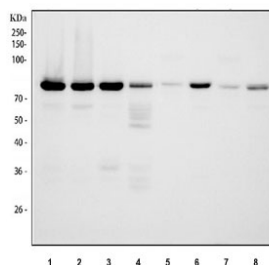
| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| RQ7977      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

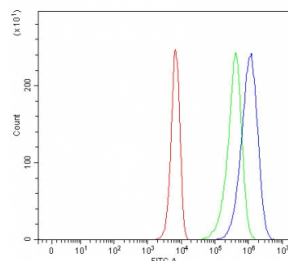
|                           |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                                                                               |
| <b>Species Reactivity</b> | Human, Mouse, Rat                                                                                                               |
| <b>Format</b>             | Antigen affinity purified                                                                                                       |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                                                                                      |
| <b>Isotype</b>            | Rabbit IgG                                                                                                                      |
| <b>Purity</b>             | Antigen affinity purified                                                                                                       |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose                                                                                       |
| <b>UniProt</b>            | Q9UNN5                                                                                                                          |
| <b>Localization</b>       | Nuclear                                                                                                                         |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Immunofluorescence : 5ug/ml<br>Flow Cytometry : 1-3ug/million cells<br>Direct ELISA : 0.1-0.5ug/ml |
| <b>Limitations</b>        | 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.