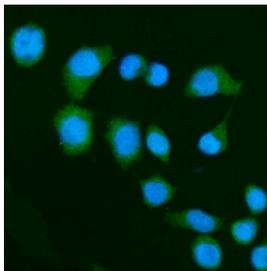


## DAP-1 Antibody / Death-associated protein 1 (RQ7972)

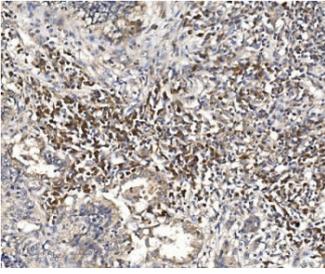
| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ7972      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

[Bulk quote request](#)

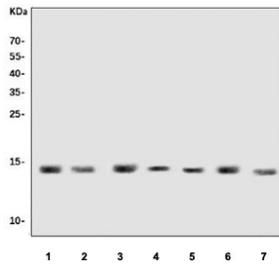
|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human  |
| <b>Format</b>             | Antigen affinity purified  |
| <b>Host</b>               | Rabbit   |
| <b>Clonality</b>          | Polyclonal (rabbit 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>            | P51397   |
| <b>Localization</b>       | Cytoplasmic, nuclear   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Immunohistochemistry (FFPE) : 2-5ug/ml<br>Immunofluorescence : 5ug/ml<br>Flow Cytometry : 1-3ug/million cells |
| <b>Limitations</b>        | This DAP-1 antibody is available for research use only.  |



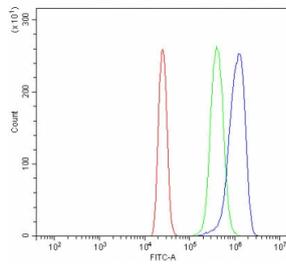
Immunofluorescent staining of FFPE human SiHa cells with DAP-1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



IHC staining of FFPE human lung cancer tissue with DAP-1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) U-937, 2) RT4, 3) PC-3, 4) HeLa, 5) HepG2, 6) U-2 OS and 7) HL60 cell lysate with DAP-1 antibody. Predicted molecular weight ~11 kDa, observed at 11-15 kDa due to phosphorylation.



Flow cytometry testing of human HL-60 cells with DAP-1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= DAP-1 antibody.

## Description

Death-associated protein 1 is a protein that in humans is encoded by the DAP gene. This gene encodes a basic, proline-rich, 15-kD protein. The protein acts as a positive mediator of programmed cell death that is induced by interferon-gamma. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

## Application Notes

Optimal dilution of the DAP-1 antibody should be determined by the researcher.

## Immunogen

Amio acids PHASMDKHPSRTQ were used as the immunogen for the DAP-1 antibody.

## Storage

After reconstitution, the DAP-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.

