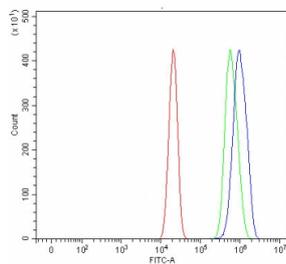


## RAI14 Antibody / Retinoic acid-induced protein 14 (RQ7763)

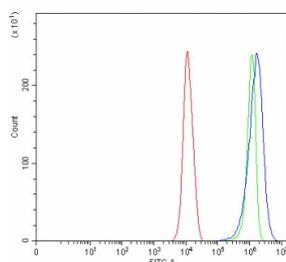
| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ7763      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

[Bulk quote request](#)

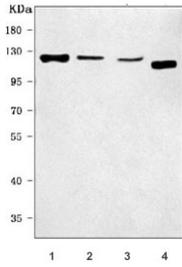
|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human, Mouse   |
| <b>Format</b>             | Antigen affinity purified  |
| <b>Host</b>               | Rabbit   |
| <b>Clonality</b>          | Polyclonal (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>            | Q9P0K7   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Flow Cytometry : 1-3ug/million cells<br>Direct ELISA : 0.1-0.5ug/ml |
| <b>Limitations</b>        | This RAI14 antibody is available for research use only.  |



Flow cytometry testing of human U-2 OS cells with RAI14 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RAI14 antibody.



Flow cytometry testing of human PC-3 cells with RAI14 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RAI14 antibody.



Western blot testing of 1) human HeLa, 2) human placenta, 3) mouse testis and 4) mouse NIH 3T3 cell lysate with RAI14 antibody. Predicted molecular weight ~110 kDa.

## Description

Ankycorbin is a protein that in humans is encoded by the RAI14 gene. Predicted to enable actin binding activity. Predicted to be involved in several processes, including apoptotic signaling pathway; regulation of NIK/NF-kappaB signaling; and spermatogenesis. Located in cytosol; fibrillar center; and nucleoplasm.

## Application Notes

Optimal dilution of the RAI14 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids G53-E680) was used as the immunogen for the RAI14 antibody.

## Storage

After reconstitution, the RAI14 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.