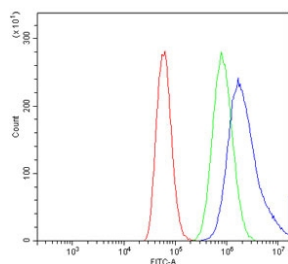


## TRPA1 Antibody / TSA (RQ6159)

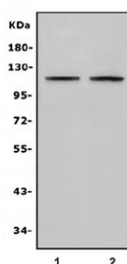
| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| RQ6159      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                                              |
| <b>Species Reactivity</b> | Human                                                                                          |
| <b>Format</b>             | Antigen affinity purified                                                                      |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                                                     |
| <b>Isotype</b>            | Rabbit IgG                                                                                     |
| <b>Purity</b>             | Affinity purified                                                                              |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide                              |
| <b>UniProt</b>            | O75762                                                                                         |
| <b>Applications</b>       | Western Blot : 1-2ug/ml<br>Flow Cytometry : 1-3ug/million cells<br>Direct ELISA : 0.1-0.5ug/ml |
| <b>Limitations</b>        | This TRPA1 antibody is available for research use only.                                        |



Flow cytometry testing of human A549 cells with TRPA1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TRPA1 antibody.



Western blot testing of human 1) HepG2 and 2) Caco-2 cell lysate with TRPA1 antibody. Predicted molecular weight ~120 kDa.

## Description

Transient receptor potential cation channel, subfamily A, member 1, also known as transient receptor potential ankyrin 1 or TRPA1, is a protein that in humans is encoded by the TRPA1 (and in mice and rats by the Trpa1) gene. The structure of the protein encoded by this gene is highly related to both the protein ankyrin and transmembrane proteins. The specific function of this protein has not yet been determined; however, studies indicate the function may involve a role in signal transduction and growth control.

## Application Notes

Optimal dilution of the TRPA1 antibody should be determined by the researcher.

## Immunogen

A human recombinant partial protein (amino acids A366-N615) was used as the immunogen for the TRPA1 antibody.

## Storage

After reconstitution, the TRPA1 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.