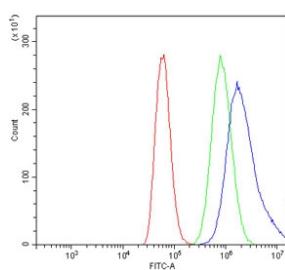


TRPA1 Antibody / TSA (RQ6159)

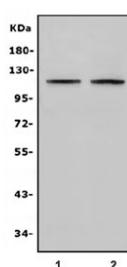
Catalog No.	Formulation	Size
RQ6159	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O75762
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.