

## TRPC3 Antibody (RQ5847)

Catalog No.	Formulation	Size
RQ5847	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>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<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>	Q13507
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This TRPC3 antibody is available for research use only.



Western blot testing of 1) rat C6 and 2) mouse Neuro-2a antibody with TRPC3 antibody. Predicted molecular weight ~106 kDa.

## Description

Short transient receptor potential channel 3 (TrpC3) also known as transient receptor protein 3 (TRP-3) is a protein that in humans is encoded by the TRPC3 gene. The protein encoded by this gene is a membrane protein that can form a non-selective channel permeable to calcium and other cations. The encoded protein appears to be induced to form channels by a receptor tyrosine kinase-activated phosphatidylinositol second messenger system and also by depletion of intracellular calcium stores. Two transcript variants encoding different isoforms have been found for this gene.

## Application Notes

Optimal dilution of the TRPC3 antibody should be determined by the researcher.

## Immunogen

Amino acids AFLQATKAQQYVDSYVQE from the human protein were used as the immunogen for the TRPC3 antibody.

## Storage

After reconstitution, the TRPC3 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.