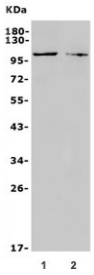
TRPC3 Antibody (RQ5847)

Catalog No.	Formulation	Size
RQ5847	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
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	Q13507
Applications	Western blot: 0.5-1ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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