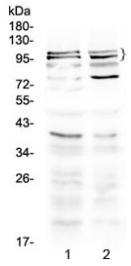
TRPC3 Antibody (R32764)

Catalog No.	Formulation	Size
R32764	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
Predicted Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q13507
Applications	WB: 0.5-1ug/ml
Limitations	This TRPC3 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain lysate with TRPC3 antibody at 0.5ug/ml. Predicted molecular weight ~96/106/97 kDa (isoforms 1/2/3).

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 R718-L770 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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