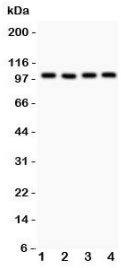
TRPC7 Antibody (R31685)

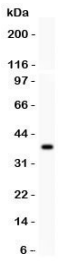
Catalog No.	Formulation	Size
R31685	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
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 and 0.025% sodium azide
Gene ID	57113
Applications	Western blot: 0.5-1ug/ml
Limitations	This TRPC7 antibody is available for research use only.



Western blot testing of TRPC7 antibody and Lane 1: mouse brain; 2: human A549; 3: (h) COLO320; 4: (h) SKOV. Expected molecular weight ~100 kDa.



Western blot testing of TRP7 antibody and recombinant human protein (0.5ng)

Description

Transient receptor potential cation channel, subfamily C, member 7, also known as TRP7, is a human gene encoding a protein named TRPC7. It is the most abundantly expressed long TRPC in peripheral blood and in some blood cell lines. TRPC7 is a calcium-permeable cation channel that is regulated by free intracellular ADP-ribose. It is activated by oxidative stress and confers susceptibility to cell death.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the TRPC7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 716-862) was used as the immunogen for this TRPC7 antibody.

Storage

After reconstitution, the TRPC7 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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