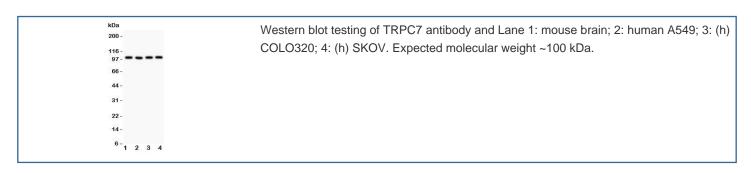


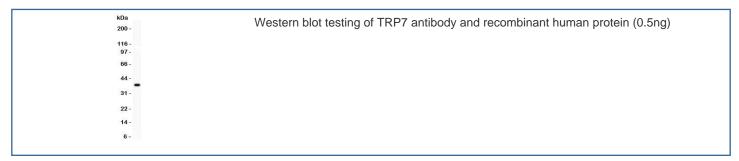
# TRPC7 Antibody (R31685)

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
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.





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.