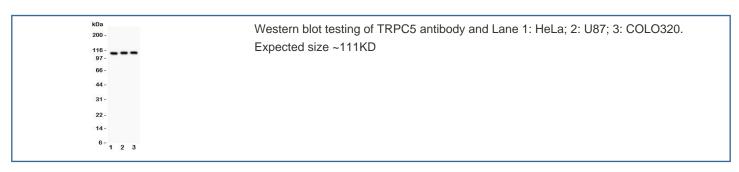


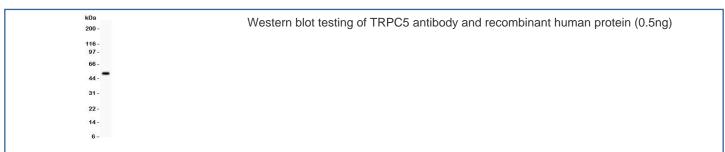
# TRPC5 Antibody (R31684)

Catalog No.	Formulation	Size
R31684	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
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	7224
Applications	Western Blot : 0.5-1ug/ml
Limitations	This TRPC5 antibody is available for research use only.





Short transient receptor potential channel 5 (TrpC5), also known as TRP-5, is a protein that in humans is encoded by the TRPC5 gene. It is subtype of the TRPC family of mammalian transient receptor potential ion channels. The predicted 973-amino acid TRPC5 protein has a calculated molecular mass of 111.5 kD. It contains the characteristic 8 predicted transmembrane domains (TM1 through TM8), including a pore region (TM7) between TM6 and TM8. It is a multi-pass membrane protein and is thought to form a receptor-activated non-selective calcium permeant cation channel, and it is a candidate for the regulation of calcium waves. The protein is active alone or as a heteromultimeric assembly with TRPC1, TRPC3, and TRPC4.

### **Application Notes**

The stated application concentrations are suggested starting amounts. Titration of the TRPC5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

Human partial recombinant protein (AA 684-973) was used as the immunogen for this TRPC5 antibody.

#### **Storage**

After reconstitution, the TRPC5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.