

A17738

Leader in Biomolecular Solutions for Life Science



## TRPC7 Rabbit pAb

Catalog No.: A17738

### Basic Information

**Observed MW**

110kDa

**Calculated MW**

100kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human, Mouse

### Background

Predicted to enable inositol 1,4,5 trisphosphate binding activity and store-operated calcium channel activity. Predicted to be involved in metal ion transport; regulation of cytosolic calcium ion concentration; and single fertilization. Predicted to act upstream of or within calcium ion transport. Predicted to be located in plasma membrane. Predicted to be part of cation channel complex. Predicted to be integral component of plasma membrane.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

**Gene ID**

57113

**Swiss Prot**

Q9HCX4

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 720-780 of human TRPC7 (NP\_065122.1).

**Synonyms**

TRP7; TRPC7

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

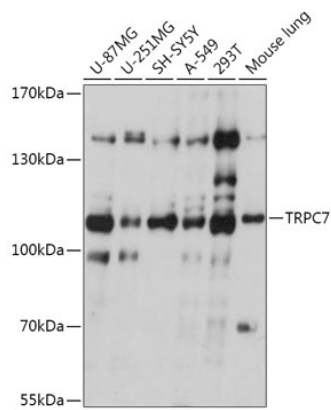
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using TRPC7 Rabbit pAb (A17738) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.