

KO459

For research use only

## Anti Mouse Trpc5 Polyclonal Antibody

This antibody was prepared by Dr. Yasuo Mori, Kyoto University.

**Code No.** KO459  
**Target** Trpc5  
**Category** TRP channel  
**Gene ID** 22067  
**Primary Source** MGI:109524  
**Synonyms** CCE2; TRP5; Trrp5; MGC124500; Trpc5

**Type** Polyclonal Antibody  
**Immunogen** Partial peptide of Mouse Trpc5 C-terminal

**Raised in** Rabbit

**Myeloma** -

**Clone number** -

**Purification** Antigen Affinity

**Source** Rabbit Serum

**Isotype** -

**Cross Reactivity** -

**Label** Unlabeled

**Concentration** 0.25 mg/mL

**Contents (Volume)** 25 µg (100 µL/vial)

**Buffer** PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]

**Storage** Store below -20°C. Once thawed, store at 4°C. Repeated freeze-thaw cycles should be avoided.

**Application** ELISA

ELISA	WB	IHC	ICC
1.0	Not tested	Not tested	Not tested
IP	FCM	IF	Neutralization
Not tested	Not tested	Not tested	Not tested

(µg/mL)

**Reference**

1. Okada T, et al. Molecular cloning and functional characterization of a novel receptor-activated TRP Ca<sup>2+</sup> channel from mouse brain. J Biol Chem. 1998 Apr 24;273(17):10279-87.

**UniProt Summary**

//Function: Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Has also been shown to be calcium-selective. May also be activated by intracellular calcium store depletion.

//Tissue specificity: Expressed in brain. Very low levels detected in liver kidney, testis, and uterus.

//Sequence similarities: Belongs to the transient receptor family. STpC subfamily. Contains 2 ANK repeats.