



KAL-KO460

For research use only

Anti Mouse Trpc6 Polyclonal Antibody

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

Code No. KAL-KO460
Target Trpc6
Category TRP channel
Gene ID 22068
Primary Source MGI:109523
Synonyms Trpp6; mtrp6; AV025995; LLHWJM002; LLHWJM003; LLHWJM004; Trpc6
Type Polyclonal Antibody
Immunogen Partial peptide of Mouse Trpc6 C-terminal

Raised in Rabbit
Myeloma -
Clone number -
Purification Antigen Affinity
Source Rabbit Serum
Isotype -
Cross Reactivity Rabbit
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, IHC, ICC

ELISA	WB	IHC	ICC
1.0	Not tested	5.0-10	1.0-5.0
IP	FCM	IF	Neutralization
Not tested	Not tested	Not tested	Not tested

(µg/mL)

Reference

1. Inoue R, et al. The transient receptor potential protein homologue TRP6 is the essential component of vascular alpha(1)-adrenoceptor-activated Ca(2+)-permeable cation channel. Circ Res. 2001 Feb 16;88(3):325-32. *Application Reference

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. Activated by diacylglycerol (DAG) in a membrane-delimited fashion, independently of protein kinase C. Seems not to be activated by intracellular calcium store depletion.

//Tissue specificity: Lung and brain. Post-translational modification: N-glycosylated.

//Sequence similarities: Belongs to the transient receptor family. STpC subfamily. Contains 3 ANK repeats.

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