

KO461

For research use only

Anti Mouse Trpm1 Polyclonal Antibody

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

Code No. KO461
Target Trpm1
Category TRP channel
Gene ID 17364
Primary Source MGI:1330305
Synonyms Mlsn1; Ltrpc1; Al606771; melastatin; 4732499L03Rik; Trpm1

Type Polyclonal Antibody
Immunogen Partial peptide of Mouse Trpm1 middle region

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, WB

ELISA	WB	IHC	ICC
1.0	2.0	Not tested	Not tested
IP	FCM	IF	Neutralization
Not tested	Not tested	Not tested	Not tested

(µg/mL)

Reference

1. Lis A, et al. Transcriptional regulation and processing increase the functional variability of TRPM channels. *Naunyn Schmiedeberg's Arch Pharmacol.* 2005 Apr;371(4):315-24.

UniPlot Summary

//Function: Calcium channel which may play a role in metastasis suppression. May act as a spontaneously active, calcium-permeable plasma membrane channel.

//Tissue specificity: Expressed in eye. Not detected in brain, lung, liver, heart, kidney, spleen or small intestine. Also expressed at high levels in poorly metastatic variants of B16 melanoma and at much reduced levels in highly metastatic variants of B16 melanoma.

//Sequence similarities: Belongs to the transient receptor family. LTrpC subfamily.