

TRPM8 Rabbit mAb

Catalog NO.: A4269

Recombinant

2 Publications

Basic Information

Observed MW

110 kDa

Calculated MW

128 kDa

Category

Monoclonal Antibodies

Applications

WB, Auto WB, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC0947

Background

Predicted to enable ligand-gated calcium channel activity. Predicted to be involved in calcium ion transmembrane transport and positive regulation of cold-induced thermogenesis. Predicted to act upstream of or within several processes, including cellular calcium ion homeostasis; response to cold; and thermoception. Located in plasma membrane.

Recommended Dilutions

WB 1:500 - 1:2000

Auto WB 1:100 - 1:500

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

79054

Swiss Prot

Q7Z2W7

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

TRPP8; LTRPC6; trp-p8; LTrpC-6; TRPM8

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

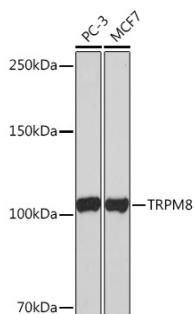
Affinity purification

Storage

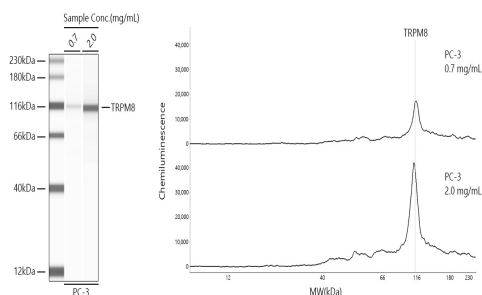
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using TRPM8 Rabbit mAb (A4269) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated 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: 3min.



Simple Western™ analysis of lysates from PC-3 cells using TRPM8 Rabbit mAb (A4269) at 1:100 dilution. The virtual lane view (left) shows the target band (as indicated) with samples in concentrations of 0.7 mg/mL and 2.0 mg/mL. The corresponding electropherogram view (right) plots chemiluminescence intensity against molecular weight along the capillary for sample concentrations of 0.7 mg/mL and 2.0 mg/mL. This experiment was performed under reducing conditions on the Jess™ Simple Western instrument from ProteinSimple, a BioTechne brand, using the 12-230 kDa separation module.

