

Product datasheet

Anti-TMEM38A antibody ab113676

[2 Images](#)

Overview

Product name	Anti-TMEM38A antibody
Description	Rabbit polyclonal to TMEM38A
Tested applications	Suitable for: WB, ELISA, IHC-P
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse
Immunogen	Synthetic peptide from the C terminal region of Human TMEM38A, conjugated to KLH.
Positive control	Human skeletal muscle tissue; Rat skeletal muscle tissue lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab113676** in the following tested applications.

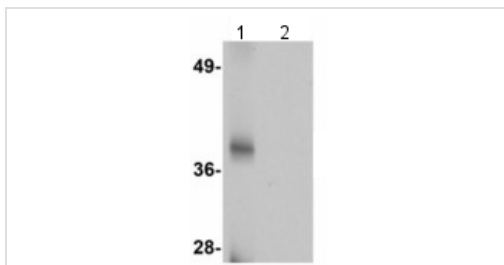
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 33 kDa.
ELISA		Use at an assay dependent concentration.
IHC-P		Use a concentration of 5 µg/ml.

Target

Function	Monovalent cation channel required for maintenance of rapid intracellular calcium release. May act as a potassium counter-ion channel that functions in synchronization with calcium release from intracellular stores.
Sequence similarities	Belongs to the TMEM38 family.
Domain	The second transmembrane domain has been proposed to cross only half of the lipid bilayer and to loop back into the cytosol, so that the domains on each side of this domain are both found on the cytosolic face of the membrane. The cytosolic loop may form an ion-conducting pore.
Cellular localization	Sarcoplasmic reticulum membrane. Nucleus membrane.

Images



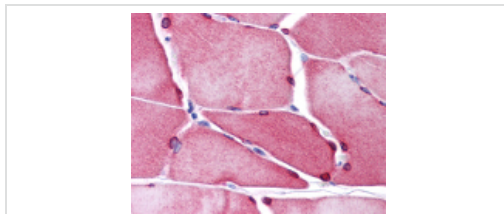
Western blot - TMEM38A antibody (ab113676)

All lanes : Anti-TMEM38A antibody (ab113676) at 1 µg/ml

Lane 1 : Rat skeletal muscle tissue lysate

Lane 2 : Rat skeletal muscle tissue lysate with blocking peptide

Predicted band size : 33 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - TMEM38A antibody (ab113676)

[ab113638](#), at 5 µg/ml, staining TMEM38A in formalin fixed, paraffin embedded Human skeletal muscle tissue by Immunohistochemistry.

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