

Product datasheet

Anti-TRPC3 antibody ab51560

★★★★★ [2 Abreviews](#) [16 References](#) [1 Image](#)

Overview

Product name	Anti-TRPC3 antibody
Description	Rabbit polyclonal to TRPC3
Host species	Rabbit
Specificity	ab51560 can be used for the detection of TRPC3.
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to Human TRPC3 (N terminal). Corresponding to 14 amino acids near to the N terminal of Human TRPC3.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab51560 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	★★★★★ (1)	Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	Use a concentration of 10 µg/ml.

Target

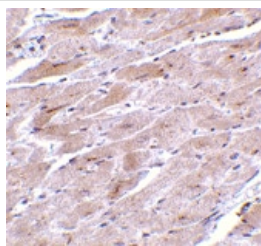
Relevance

TRPC channels form the subfamily of channels in human most closely related to drosophila TRP channels. Structurally, this family shares a number of similar characteristics. At the proximal C-terminus of this sub-family is a TRP box motif containing the invariant EWKFAR sequence and between 3 and 4 ankyrin repeats near the N-terminus. These channels are non-selectively permeable to cations, with a selectivity of calcium over sodium variable among the different members. Many of TRPC channel subunits are able to coassemble.

Cellular localization

Cell Membrane; multi-pass membrane protein

Images



Immunohistochemistry of TRPC3 in mouse heart tissue with TRPC3 antibody ab51560 at 10 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRPC3 antibody (ab51560)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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