

Datasheet for ABIN7043820
anti-TRPC3 antibody (C-Term, Intracellular)[Go to Product page](#)

6 Images

Overview

Quantity:	50 µL
Target:	TRPC3
Binding Specificity:	AA 822-835, C-Term, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: HKLSEKLNPSVLRC, corresponding to amino acid residues 822-835 of mouse TRPC3
Isotype:	IgG
Characteristics:	Anti-TRPC3 Antibody (ABIN7043820, ABIN7043966 and ABIN7043967)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can be used in western blot, immunoprecipitation, immunohistochemistry, immunocytochemistry, and indirect flow cytometry applications. It has been designed to recognize TRPC3 from mouse, rat, and human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

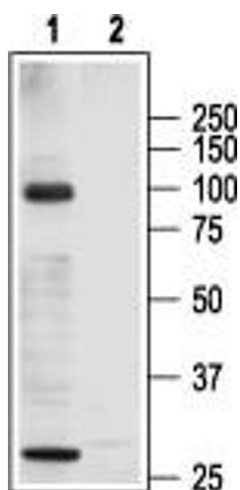
Target:	TRPC3
Alternative Name:	TRPC3 (TRPC3 Products)
Background:	Alternative names: TRPC3, Short transient receptor potential channel 3, Transient receptor protein 3, TRP3
Gene ID:	22065
NCBI Accession:	NM_003305
UniProt:	Q9QZC1

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

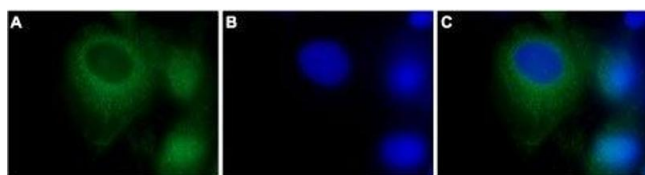
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



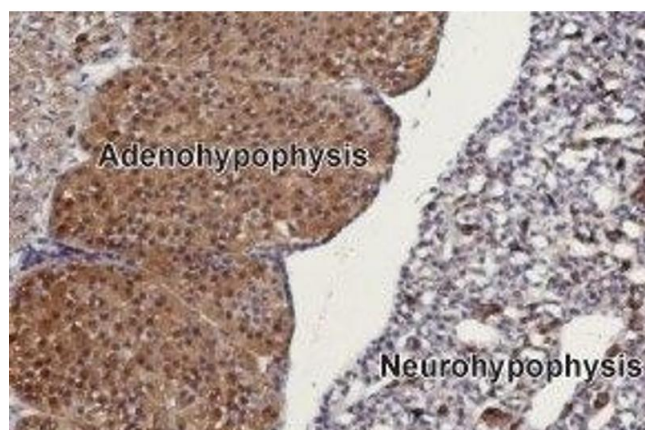
Western Blotting

Image 1. Western blot analysis of rat heart membranes: - 1. Anti-TRPC3 Antibody (ABIN7043820, ABIN7043966 and ABIN7043967), (1:200). 2. Anti-TRPC3 Antibody, preincubated with TRPC3 Blocking Peptide (#BLP-CC016).



Immunocytochemistry

Image 2. Expression of TRPC3 in rat C6 brain glioma cells - Immunocytochemical staining of Paraformaldehyde-fixed and permeabilized rat C6 brain glioma cells. A. Staining using Anti-TRPC3 Antibody (ABIN7043820, ABIN7043966 and ABIN7043967), (1:500) followed by goat anti-rabbit-AlexaFluor-488 secondary antibody. B. Nuclear staining using the cell-permeable dye Hoechst 33342. C. Merged image of panels A and B.



Immunohistochemistry

Image 3. Expression of TRPC3 in rat pituitary gland - Immunohistochemical staining of rat pituitary gland paraffin embedded sections using Anti-TRPC3 Antibody (ABIN7043820, ABIN7043966 and ABIN7043967), (1:100). TRPC3 is mainly expressed in the adenohypophysis (on left). Hematoxylin is used as the counterstain.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7043820.