.-online.com antibodies

Datasheet for ABIN7043815 anti-TRPC1 antibody (Intracellular)

2 Images



Overview

Characteristics:

Purification:

| Quantity: | 25 µL |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Target: | TRPC1 |
| Binding Specificity: | AA 557-571, Intracellular |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TRPC1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunoprecipitation (IP) |
| Product Details | |
| Immunogen: | Immunogen: Synthetic peptide Immunogen Sequence: QLYDKGYTSKEQKDC, corresponding to amino acid residues 557-571 of human TRPC1 |
| lsotype: | lgG |
| | |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7043815 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

Affinity purified on immobilized antigen.

Anti-TRPC1 Antibody (ABIN7043815, ABIN7043963 and ABIN7043964)) is a highly specific

applications. It has been designed to recognize TRPC1 from human, mouse, and rat samples.

antibody directed against an epitope of the human protein. The antibody can be used in western blot, immunoprecipitation, immunohistochemistry, and immunocytochemistry

Target Details

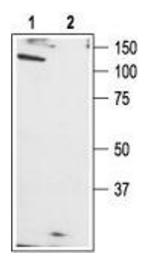
| Target: | TRPC1 |
|-------------------|------------------------------------------------------------------------------------------------------------|
| Alternative Name: | TRPC1 (TRPC1 Products) |
| Background: | Alternative names: TRPC1, Short transient receptor potential channel 1, Transient receptor protein 1, TRP1 |
| Gene ID: | 7220 |
| NCBI Accession: | NM_003304 |
| UniProt: | P48995 |

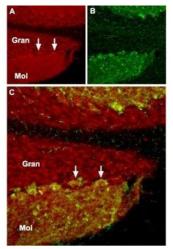
Application Details

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

Handling

| Format: | Lyophilized |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reconstitution: | $25\mu\text{L},50\mu\text{L}$ 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: | Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. 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). |





Western Blotting

Image 1. Western blot analysis of rat brain membranes: -1. Anti-TRPC1 Antibody (ABIN7043815, ABIN7043963 and ABIN7043964), (1:200).2. Anti-TRPC1 Antibody, preincubated with TRPC1 Blocking Peptide (#BLP-CC010).

Immunohistochemistry

Image 2. Expression of TRPC1 in mouse cerebellum -Immunohistochemical staining of mouse cerebellum frozen sections using Anti-TRPC1 Antibody (ABIN7043815, ABIN7043963 and ABIN7043964). A. TRPC1 (red) appears in Purkinje cells (arrows) and in the molecular (Mol) and granule (Gran) layers. B. Staining with mouse antiparvalbumin (PV) in the same brain section. C. Confocal merge of TRPC1 and PV demonstrates partial colocalization in the Purkinje and the molecular layers.

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