# abcam

## Product datasheet

# Anti-CAMTA1 antibody ab64119

★★★☆☆ **1 Abreviews**   **2 References**   1 Image

## Overview

| | |
|---|---|
| **Product name** | Anti-CAMTA1 antibody |
| **Description** | Rabbit polyclonal to CAMTA1 |
| **Host species** | Rabbit |
| **Tested applications** | **Suitable for:** IHC-P |
| **Species reactivity** | **Reacts with:** Human |
| | **Predicted to work with:** Mouse, Horse, Chicken, Dog ⚠ |
| **Immunogen** | Synthetic peptide conjugated to KLH derived from within residues 1650 to the C-terminus of Human CAMTA1.Read Abcam's proprietary immunogen policy(Peptide available as **ab66539**.) |
| **Positive control** | This antibody gave a positive signal in human hippocampus tissue sections. |
| **General notes** | 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.

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 |

## Properties

| | |
|---|---|
| **Form** | Liquid |
| **Storage instructions** | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| **Storage buffer** | pH: 7.40
Preservative: 0.02% Sodium azide
Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help. |
| **Purity** | Immunogen affinity purified |
| **Clonality** | Polyclonal |

| Isotype | IgG |
|---|---|

## Applications

**The Abpromise guarantee**  Our **Abpromise guarantee** covers the use of ab64119 in the following tested applications.

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

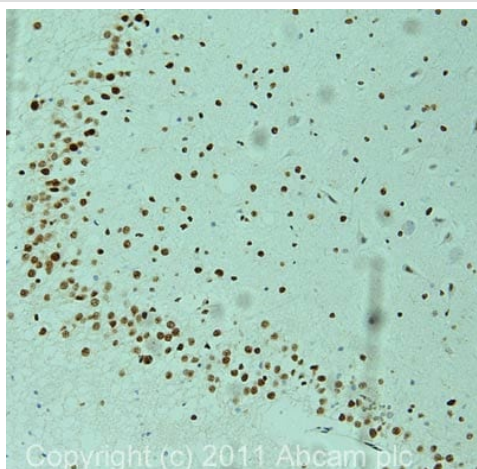| Application | Abreviews | Notes |
|---|---|---|
| **IHC-P** | | Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. |

## Target

**Relevance**  CAMTA1 is a transcription activator which is a putatuove tumor suppressor. It is thought to interact with calmodulin. Defects in CAMTA1 are detected in patients with oligodendroglioma and astrocytoma

**Cellular localization**  Nuclear

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CAMTA1 antibody (ab64119)

IHC image of CAMTA1 staining in human hippocampus formalin fixed paraffin embedded tissue section, performed on a Leica Bond$^{TM}$ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab64119, 1µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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

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