

Product datasheet

Anti-CAB3 antibody ab16717

★★★★☆ [1 Abreviews](#) [1 References](#)

Overview

Product name	Anti-CAB3 antibody
Description	Rabbit polyclonal to CAB3
Host species	Rabbit
Specificity	This antibody recognises the beta 3 calcium channel subunit.
Tested applications	Suitable for: IP, ICC/IF, WB
Species reactivity	Reacts with: Rat
Immunogen	Synthetic peptide corresponding to CAB3 aa 1-15 conjugated to keyhole limpet haemocyanin. Sequence: MYDDSYVPGFEDSEA

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control Rat cortical and hippocampal, neuronal membranes. Negative control: non neuronal cells

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: 0.08% Sodium azide Constituent: PBS
Purity	Ammonium Sulphate Precipitation
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab16717 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
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
WB	★★★★★ (1)	Use at an assay dependent concentration.

Target

Function	The beta subunit of voltage-dependent calcium channels contributes to the function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting.
Tissue specificity	Expressed mostly in brain, smooth muscle and ovary.
Sequence similarities	Belongs to the calcium channel beta subunit family. Contains 1 SH3 domain.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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