

Product datasheet

Anti-beta-casomorphin antibody (Biotin) ab47861

Overview

Product name	Anti-beta-casomorphin antibody (Biotin)
Description	Rabbit polyclonal to beta-casomorphin (Biotin)
Host species	Rabbit
Conjugation	Biotin
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide: C-YPFVGPI (Human) conjugated to KLH via Cys

 [Run BLAST with ExPASy](#)  [Run BLAST with NCBI](#)

General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

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, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer	pH: 7.50 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 50% Glycerol
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Target

Relevance	β -casomorphin (β -CM) is an exogenous bioactive peptide derived from casein, a major protein in milk and milk products, which has opioid activity. The circulation of this peptide into children's immature central nervous system is believed to be related with the "Sudden Infant Death Syndrome (SIDS)". It is believed that this peptide produces an inhibitory effect in the respiratory centre in the brain stem, and that this leads to apnea and death.
------------------	--

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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors