

Product datasheet

Biotin Anti-beta-casomorphin antibody ab47859

Overview

<b>Product name</b>	Biotin Anti-beta-casomorphin antibody
<b>Description</b>	Biotin Rabbit polyclonal to beta-casomorphin
<b>Host species</b>	Rabbit
<b>Conjugation</b>	Biotin
<b>Species reactivity</b>	<b>Reacts with:</b> Cow
<b>Immunogen</b>	Synthetic peptide corresponding to Cow beta-casomorphin conjugated to keyhole limpet haemocyanin. Sequence: CYPFPGPI

 [Run BLAST with](#)

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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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.50 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 50% Glycerol
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Target

## Relevance

$\beta$ -casomorphin ( $\beta$ -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"

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- Replacement or refund for products not performing as stated on the datasheet
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- 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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