

# Alkaline Phosphatase Anti-Biotin antibody ab106217

### Overview

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<b>Product name</b>	Alkaline Phosphatase Anti-Biotin antibody
<b>Description</b>	Alkaline Phosphatase Rabbit polyclonal to Biotin
<b>Host species</b>	Rabbit
<b>Conjugation</b>	Alkaline Phosphatase
<b>Specificity</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Rabbit Serum and Biotinylated IgG.
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	KLH conjugated Biotin
<b>General notes</b>	<p>Dilute only prior to immediate use.</p> <p>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.</p> <p>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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituents: 0.88% Sodium chloride, 1% BSA, 0.01% Magnesium chloride, 0.001% Zinc chloride, 50% Glycerol (glycerin, glycerine), 0.79% Tris HCl
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab106217 was purified from monospecific antiserum by immunoaffinity chromatography using Biotin coupled to sepharose beads.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab106217 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
WB		1/500 - 1/2500.
ELISA		1/20000.
IHC-P		1/200 - 1/1000.

## Target

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**Relevance** Biotin is a water soluble vitamin, generally classified as a B complex vitamin, also called vitamin B4. After the initial discovery of biotin, nearly forty years of research were required to establish it as a vitamin. Biotin is required by all organisms but can only be synthesized by bacteria, yeasts, molds, algae, and some plant species. Biotin is required as prosthetic group of enzymes involved in incorporation of carbon dioxide into organic compounds. Biotin has a MW of 244 Da.

**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

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