



### Anti-6X His tag® antibody ab9107

#### Overview

<b>Product name</b>	Anti-6X His tag® antibody
<b>Description</b>	Chicken polyclonal to 6X His tag®
<b>Host species</b>	Chicken
<b>Specificity</b>	Antibody specificity was verified by ELISA against peptide conjugated to BSA (HHHHHH-BSA). A 1:8000 dilution of the antibody gave an OD=1.0 in a 15 minute reaction using Goat Anti Chicken IgY (IgG) and TMB as the substrate. Appropriate specificity controls were run.
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Synthetic peptide corresponding to 6X His tag® conjugated to keyhole limpet haemocyanin.  <a href="#">Run BLAST with Expasy</a>  <a href="#">Run BLAST with NCBI</a>
<b>General notes</b>	<p>HIS-TAG® is a trademark of EMD Biosciences, Inc.</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

<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: 7.20 Preservative: 0.1% Sodium azide
<b>Purity</b>	IgY fraction
<b>Purification notes</b>	Antibodies were immunoaffinity purified using the peptide immobilized on a solid support.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	unknown
<b>Light chain type</b>	unknown

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab9107 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
<b>WB</b>		Use at an assay dependent concentration. Predicted molecular weight: 1 kDa. This antibody was an effective at 1:1000 (1 µg/ml) dilution using an affinity purified goat anti chicken IgY (IgG) HRP. The Westerns probed with this antibody are very sharp and clear with extremely low background and no non-specific binding.
<b>ELISA</b>		Use at an assay dependent concentration.

## Target

### Relevance

The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification. His-tags can be fused to the amino- or carboxy- termini of proteins in transfected or transformed cells.

### Cellular localization

Depends upon the localization of the parent protein tagged with hexahistidine.

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

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