

Biotin Anti-T7 tag® antibody ab81661

1 Image

Overview

Product name	Biotin Anti-T7 tag® antibody
Description	Biotin Rabbit polyclonal to T7 tag®
Host species	Rabbit
Conjugation	Biotin
Specificity	ab81661 recognizes the T7-tag® (MASMTGGQQMG).
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide: MASMTGGQQMG

 [Run BLAST with](#)

 [Run BLAST with](#)

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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.013% Sodium azide Constituents: 0.87% Sodium chloride, 0.3025% Tris
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab81661 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

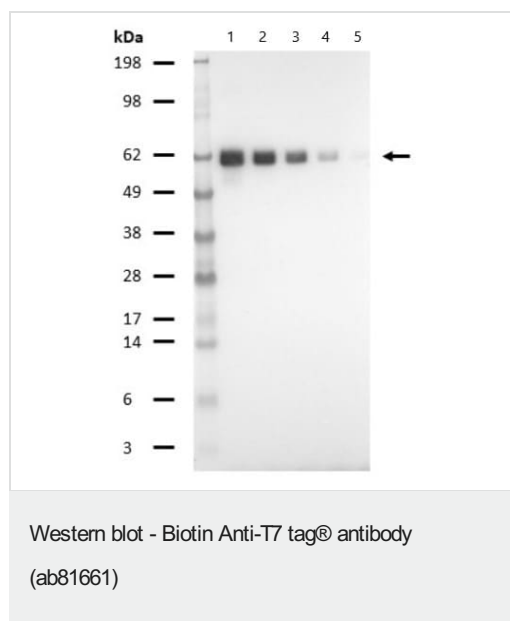
Application	Abreviews	Notes
WB		1/5000. Predicted molecular weight: 1 kDa.

Target

Relevance

The T7 tag is an 11 amino acid peptide encoded in the leader sequence of T7 bacteriophage gene10. This gene encodes a T7 major capsid protein whose function is not clear. The T7 tag serves as a tag in many expression vectors including the pET system that is based on the very efficient T7 RNA polymerase expression system. Monoclonal antibodies specific for T7 tag are an important tool for studying expression of recombinant T7-tagged proteins.

Images



All lanes : Biotin Anti-T7 tag® antibody (ab81661) at 0.5 µg/ml

Lane 1 : 60 kDa T7-tagged protein at 0.3 µg

Lane 2 : 60 kDa T7-tagged protein at 0.01 µg

Lane 3 : 60 kDa T7-tagged protein at 0.03 µg

Lane 4 : 60 kDa T7-tagged protein at 0.001 µg

Lane 5 : 60 kDa T7-tagged protein at 0.003 µg

Predicted band size: 1 kDa

Blot incubated with primary overnight followed by three washes. Blot stained with 40 ng/mL Streptavidin HRP conjugate and imaged using West Pico chemiluminescent substrate.

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