

Product datasheet

Anti-T7 tag® antibody - ChIP Grade ab9138

★★★★★ 2 Abreviews 8 References 2 图像

概述

<b>产品名称</b>	Anti-T7 tag®抗体- ChIP Grade
<b>描述</b>	山羊多克隆抗体to T7 tag® - ChIP Grade
<b>宿主</b>	Goat
<b>特异性</b>	This antibody was verified by ELISA against peptide conjugated to BSA(MASMTGGQQMG/BSA). Antibody concentration was determined by extinction coefficient: absorbance at280 nm of 1.4 equals 1.0 mg of IgG.
<b>经测试应用</b>	<b>适用于:</b> ELISA, IP, WB, ICC, ChIP
<b>免疫原</b>	Synthetic peptide: MASMTGGQQMG (T7) conjugated to KLH.
<b>常规说明</b>	<div style="text-align: right;"> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a> </div> T7-TAG® is a trademark of EMD Biosciences, Inc.

性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	pH: 7.20 Preservative: 0.1% Sodium azide Constituent: PBS
<b>纯度</b>	Immunogen affinity purified
<b>纯化说明</b>	This antibody was affinity purified using the peptide immobilized on solid support..
<b>克隆</b>	多克隆
<b>同种型</b>	unknown
<b>轻链类型</b>	unknown

应用

Our [Abpromise guarantee](#) covers the use of **ab9138** in the following tested applications.

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

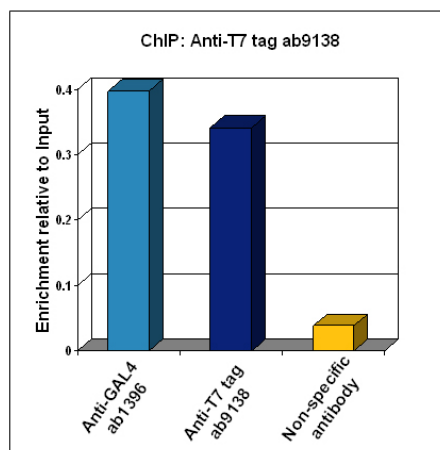
应用	Ab评论	说明
ELISA		Use at an assay dependent dilution. Use at a dilution of: Coating 1/100 - 1/500, Primary 1/1000 - 1/30,000.
IP	★★★★★	Use at an assay dependent dilution.
WB	★★★★★	1/1000 - 1/30000.
ICC		1/200 - 1/2000.
ChIP		Use at an assay dependent dilution. ChIP was performed with 25 ug chromatin, 5ug of antibody and 20 ul of Protein A/G beads.

## 靶标

### 相关性

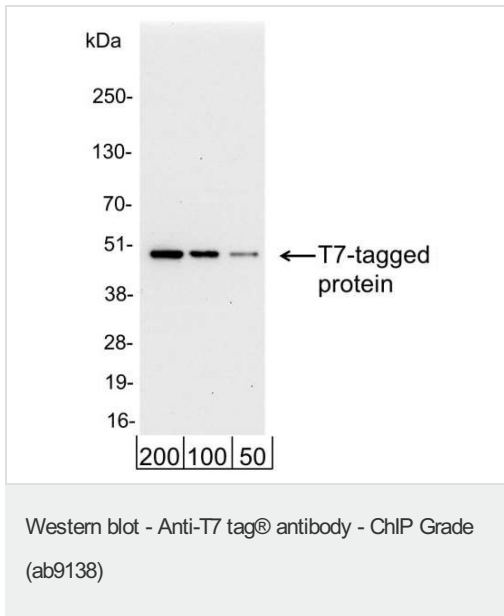
The T7 tag is an 11 amino acid peptide encoded in the leader sequence of T7 bacteriophage gene10. This gene encodes a T7 major capsid protein whose function is not clear. The T7 tag serves as a tag in many expression vectors including the pET system that is based on the very efficient T7 RNA polymerase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

## 图片



ChIP - Anti-T7 tag® antibody - ChIP Grade (ab9138)

A stably transfected 293T human cell line harbouring the GAL4 upstream activation sequence was transiently transfected with a V5 or T7- tagged GAL4 DNA Binding Domain construct. 48 hours post transfection Chromatin was prepared according to the Abcam X-ChIP protocol. The ChIP was performed with 25 ug chromatin, 5ug of antibody and 20 ul of Protein A/G beads. A non-specific antibody was used as the negative control. The immunoprecipitated DNA was quantified by real time PCR (SYBR Green approach).



**All lanes :** Anti-T7 tag® antibody - ChIP Grade (ab9138) at 1/25000 dilution

**Lane 1 :** E. coli whole cell lysate expressing a multi-tag fusion protein at 0.2 µg

**Lane 2 :** E. coli whole cell lysate expressing a multi-tag fusion protein at 0.1 µg

**Lane 3 :** E. coli whole cell lysate expressing a multi-tag fusion protein at 0.05 µg

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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