

Product datasheet

Anti-T7 tag® antibody ab9138

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概述

产品名称	Anti-T7 tag®抗体
描述	山羊多克隆抗体to T7 tag®
宿主	Goat
特异性	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.
经测试应用	适用于: ELISA, IP, WB, ICC, ChIP
免疫原	Synthetic peptide: MASMTGGQQMG (T7) conjugated to KLH. Run BLAST with Run BLAST with
常规说明	T7-TAG® is a trademark of EMD Biosciences, Inc.

性能

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

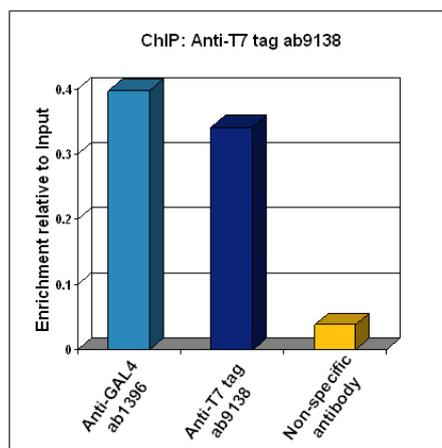
应用	Ab评论	说明
ELISA		Use at an assay dependent dilution. Use at a dilution of: Coating 1/100 - 1/500, Primary 1/1000 - 1/30,000.
IP	★★★★★	Use at an assay dependent dilution.
WB	★★★★★	1/1000 - 1/30000.
ICC		1/200 - 1/2000.
ChIP		Use at an assay dependent dilution. ChIP was performed with 25 ug chromatin,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

靶标

相关性

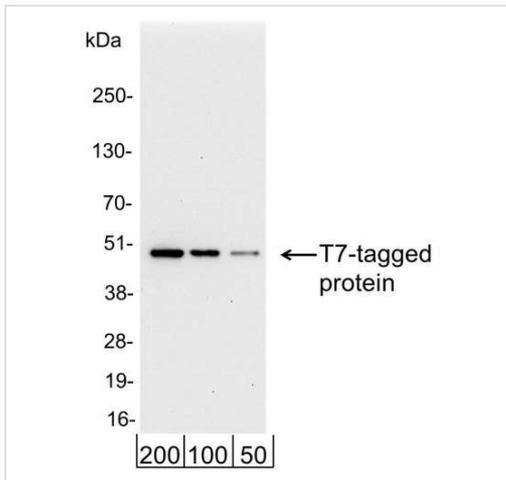
The T7 tag is an 11 amino acid peptide encoded in the leader sequence of T7 bacteriophage gene10. This gene encodes a T7 major capsid protein whose function is not clear. The T7 tag serves as a tag in many expression vectors including the pET system that is based on the very efficient T7 RNA polymerase 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).



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

All lanes : Anti-T7 tag® antibody (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

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