

T7 Affinity-Purified Polyclonal Antibody, HRP Conjugate

ORDERING INFORMATION

Catalog No.	Size
18864P	100ug

Format: 1mg/ml antibody conjugated to horseradish peroxidase (HRP) in Phosphate Buffered Saline (PBS), pH 7.2, 0.2% BSA, 0.1% Pro-Clean 400. Molar enzyme/antibody ratio = 4:1.

BACKGROUND

The T7 tag is an 11 amino acid peptide (MASMTGGQQMG) derived from the leader sequence of T7 bacteriophage gene10 which encodes a T7 major capsid protein. The T7 tag serves as a tag in many expression vectors, and antibodies specific for the T7 tag are useful for identifying and isolating T7-tagged proteins.

SPECIFICATION SUMMARY

Antigen: T7 (MASMTGGQQMG) conjugated to KLH.

Host Species: Rabbit

Specificity: Antibody was affinity-purified on the peptide.

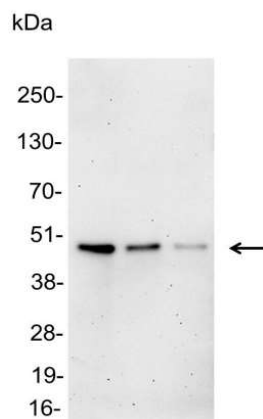
APPLICATIONS

Immunoblotting: use at a dilution of 1:1,000-1:30,000.

Immunocytochemistry: use at a dilution of 1:200-1:500.

ELISA: use at a dilution of 1:10,000-1:100,000.

These are recommended dilutions.
Endusers should determine optimal dilutions for their applications.



Detection of T7-tagged fusion protein in 200, 100, and 50ng of E. coli lysate with #18864P diluted 1:5,000.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at 2-8°C.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.