

## T7 Affinity-Purified Polyclonal Antibody, HRP Conjugate

### ORDERING INFORMATION

Catalog No.	Size
18862P	1mg

**Format:** 1mg/ml antibody conjugated to horseradish peroxidase (HRP) in Phosphate Buffered Saline (PBS), pH 7.2, 0.2% BSA, 0.05% 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:** Goat

**Specificity:** Antibody was affinity-purified on the peptide.

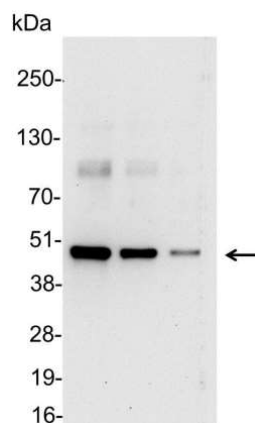
### APPLICATIONS

**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 #18862P 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.*