

## 6-His Affinity-Purified Polyclonal Antibody, HRP Conjugate

### ORDERING INFORMATION

Catalog No.	Size
18814P	100ug

**Format:** 1mg/ml 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 is 4:1.

### BACKGROUND

A polyhistidine-tag consists of at least six histidine (*His*) residues, often at the N- or C-terminus of a protein. Polyhistidine-tags are often used for affinity purification of polyhistidine-tagged recombinant proteins expressed in *Escherichia coli* and other prokaryotic expression systems.

### SPECIFICATION SUMMARY

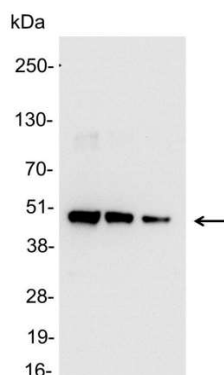
**Antigen:** 6-His (HHHHHH) conjugated to KLH.

**Host Species:** Rabbit

**Specificity:** Antibody was affinity-purified on the peptide. This antibody does not recognize all N-terminal 6-His tagged proteins.

### APPLICATIONS

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



Detection of 6-His tagged protein in 200, 100, and 50ng of *E. coli* lysate containing tagged fusion protein with #18814P diluted 1:25,000.

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

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

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

### 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.*