

## HRP Antibody (Horseradish Peroxidase), pAb, Rabbit

**Cat. No.:** A00619

**Size:** 400 µl

**Synonyms:** Rabbit Anti-HRP;

### Description:

Horseradish Peroxidase (HRP) is an enzyme commonly used as an indicator enzyme in reactions in which peroxide is produced, such as in conjunction with glucose oxidase in the evaluation of glucose in biological fluids. It also can be used as an enzyme label, such as in ELISA systems and peroxidase-anti-peroxidase complexes in immunohistochemistry.

GenScript **Rabbit Anti-HRP Polyclonal Antibody** is developed in rabbit hosts using purified peroxidase from horseradish as the immunogen.

GenScript Rabbit Anti-HRP Polyclonal Antibody is purified from rabbit antiserum by Protein G chromatography and is supplied as a 200 µg aliquot at a concentration of 0.5 mg/ml.

**Immunogen:** Purified peroxidase from horseradish

**Host:** Rabbit

**Conjugation:** Unconjugated

### Formulation:

1.5 mg/ml in PBS, pH 7.4, containing 30% glycerol, and 0.02%

sodium azide

**Ig Subclass:** Rabbit IgG

**Specificity:** GenScript Rabbit Anti-HRP Polyclonal Antibody is specific to peroxidase (horseradish).

**Purification:** Protein G chromatography

### Applications:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

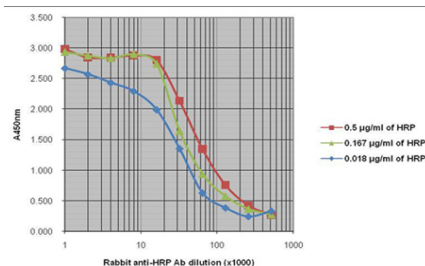
**ELISA:** 0.05-0.2 µg/ml

**Other applications:** user-optimized

### Storage:

The antibody is stable for 2-3 weeks if stored at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

### Example



ELISA for Rabbit Anti-HRP Polyclonal Antibody  
Microwell plate was coated with Goat Anti-Rabbit IgG (H&L) Polyclonal Antibody (GenScript, A00131) followed by addition of Rabbit Anti-HRP Polyclonal Antibody dilution. The antibody titer was determined by addition of diluted HRP. After above reaction, TMB substrate was added for 15 minutes and then the color development was stopped by 1.0N HCl. The absorbance was read at 450nm with microwell plate reader.