

DATASHEET

Version: 2016-08-17

Goat Anti-Rat IgG (H&L) [HRP] Antibody, pAb**Cat. No.:** A00167**Size:** 1 mg**Synonyms:** Goat Anti-Rat IgG (H&L) [HRP]; Anti-Rat IgG (H&L) [HRP]**Description:**

This polyclonal antibody is highly purified from goat antiserum by immunoaffinity chromatography and then conjugated to horseradish peroxidase. It reacts with rat IgG heavy and light chains.

Immunogen: Full-length rat IgG (purified)**Host:** Goat**Antigen Synonyms:** Rat**Conjugation:** Horseradish Peroxidase (HRP)**Formulation:**

1 mg/ml in PBS, pH7.4, containing 1% BSA, and 0.01% thimerosal

Ig Subclass: Goat IgG**Purification:** Immunoaffinity chromatography**Applications:**

GenScript Goat Anti-Rat IgG (H&L) [HRP] is suitable for immunoblotting (Western and Dot blots), ELISA, immunoperoxidase electron microscopy, immunohistochemistry, and other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.

The investigator must determine the ideal working concentration for each specific application. The ideal working concentration must take into account such factors as secondary antibody affinity, antigen concentration, sensitivity of the detection method, temperature, and the length of the incubations. 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: 1:5,000-1:50,000**Western blot:** 1:1,000-1:5,000**Other applications:** user-optimized.**Species Reactivity:** Rat**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.