

Product no **AS10 1224****Chicken anti-Rat IgG (H&L), HRP conjugated****Product information****Host** | Chicken**Clonality** | Polyclonal**Purity** | Immunogen affinity purified IgY.**Format** | Lyophilized**Quantity** | 1 mg**Reconstitution** | For reconstitution add 1.1 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily**Storage** | Store lyophilized material at 2-8°C. For long time storage after reconstitution, dilute the antibody solution with glycerol to a final concentration of 50% glycerol and store as liquid at -20°C, to prevent loss of enzymatic activity. For example, if you have reconstituted 1 mg of antibody in 1.1 ml of sterile water add 1.1 ml of glycerol. Such solution will not freeze in -20°C. If you are using a 1:5000 dilution prior to diluting with glycerol, then you would need to use a 1:2500 dilution after adding glycerol. Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming.**Additional information** | This antibody reacts with the heavy chains on rat IgG and with the light chains on all rat immunoglobulins based on immunoelectrophoresis.

Minimum cross-reactivity is observed to non-immunoglobulin rat serum proteins.

Antibody is supplied in 10 mM sodium phosphate, 150 mM sodium chloride, pH 7.2, 10 % (w/v) BSA, Protease/IgG free and 0.1 % (v/v) Kathon CG is used as preservative. Use of sodium azide will inhibit enzymatic activity of horseradish peroxidase.

**Application information****Recommended dilution** | The optimal working dilution should be determined by the investigator**Selected references** | [Wilmowicz et al. \(2022\)](#) Remodeling of Cell Wall Components in Root Nodules and Flower Abcission Zone under Drought in Yellow Lupine. *Int J Mol Sci.* 2022 Jan 31;23(3):1680. doi: 10.3390/ijms23031680. PMID: 35163603; PMCID: PMC8836056.