

Product no **AS10 833****Chicken anti-Rabbit IgG (H&L), HRP conjugated****Product information****Immunogen** | Purified Rabbit IgG**Host** | Chicken**Clonality** | Polyclonal**Purity** | Immunogen affinity purified chicken 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. Centrifuge to remove any particulates. Prepare fresh working dilutions daily**Storage** | Store non-diluted antibody at 2-8°C. For storage at -20°C dilute antibody solution with an equal volume of glycerol to obtain final glycerol concentration of 50 % to prevent loss of enzymatic activity. 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** | Concentration: 1.0 mg/ml (E 1% at 280 nm = 13.2)

HRP-conjugate is supplied in PBS, 1% BSA and 0.1% proclin 150.

0.1 % (v/v) of Kathon CG is used as preservative. Use of sodium azide will inhibit enzyme activity of horseradish peroxidase

Application information**Recommended dilution** | The optimal working dilution should be determined by the investigator**Confirmed reactivity** | Rabbit IgG (H&L)**Predicted reactivity** | Rabbit IgG (H&L)**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known**Additional information** | This antibody reacts with the heavy chains on rabbit IgG and with the light chains on all rabbit immunoglobulins based on immunoelectrophoresis.

No reactivity is observed to non-immunoglobulin rabbit serum proteins based on immunoelectrophoresis.

Selected references | [Levitan et al. \(2019\)](#). Structural and functional analyses of photosystem II in the marine diatom *Phaeodactylum tricornutum*. Proc Natl Acad Sci U S A. 2019 Aug 27;116(35):17316-17322. doi: 10.1073/pnas.1906726116.
[Gao et al. \(2018\)](#). Cisgenic overexpression of cytosolic glutamine synthetase improves nitrogen utilization efficiency in barley and prevents grain protein decline under elevated CO₂. Plant Biotech. J. 10.1111/pbi.13046