

Product no **AS10 852****Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, HRP conjugated****Product information****Immunogen** | Purified Rabbit IgG (H&L)**Host** | Goat**Clonality** | Polyclonal**Purity** | Immunogen affinity purified goat IgG, F(ab)'2 fragment.**Format** | Lyophilized**Quantity** | 0.5 mg**Reconstitution** | For reconstitution add 0.55 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 0.5 mg of antibody in 0.55 ml of sterile water add 0.55 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** | Concentration: 1.0 mg/ml (E 1% at 280 nm = 13.0)

HRP-conjugate is supplied in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10% (w/v) BSA, Protease/IgG free

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

Purity is ≥ 90% based on SDS-PAGE. May contain small amounts of intact IgG.

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 | [Sun et al. \(2025\)](#). The plastid cysteine synthase complex regulates ABA biosynthesis and stomatal closure in Arabidopsis. *Nat Commun.* 2025 Oct 8;16(1):8960. doi: 10.1038/s41467-025-64705-3.
[Gong et al. \(2024\)](#). HYPK controls stability and catalytic activity of the N-terminal acetyltransferase A in Arabidopsis thaliana. *Cell Rep.* 2024 Feb 15;43(2):113768. doi: 10.1016/j.celrep.2024.113768.
[Linster et al. \(2015\)](#). Downregulation of N-terminal acetylation triggers ABA-mediated drought responses in Arabidopsis. *Nat Commun.* 2015 Jul 17;6:7640. doi: 10.1038/ncomms8640.