

Product no **AS10 668**

## Goat anti-Rabbit IgG (H&L) HRP conjugated, min,cross-reactivity to bovine/Human/mouse IgG/serum

### Product information

**Immunogen** | purified Rabbit IgG, whole molecule

**Host** | Goat

**Clonality** | Polyclonal

**Purity** | Immunogen affinity purified goat IgG.

**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** | 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.

Concentration: 1.0 mg/ml (E 1% at 280 nm = 13.0)

### Application information

**Recommended dilution** | 1 : 500 -1 : 5000 (ELISA), 1 : 500 -1 : 5000 (IHC), 1 : 500 -1 : 5000 (WB)

**Confirmed reactivity** | heavy chains of Rabbit IgG, Light chains on all Rabbit immunoglobulins

**Predicted reactivity** | Rabbit IgG Heavy and Light chains (H&L) of all Rabbit immunoglobulins

**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known

**Additional information** | Based on immunoelectrophoresis no reactivity is observed to:

non-immunoglobulin rabbit serum proteins

serum from bovine, human or mouse

IgG from human or mouse

**Selected references** | [Ghosh et al. 2023](#)). ApoE Isoforms Inhibit Amyloid Aggregation of Proinflammatory Protein S100A9. MDPI, Volume 25, Issue 410.3390/ijms25042114

[Lacour et al. \(2019\)](#). Decoupling light harvesting, electron transport and carbon fixation during prolonged darkness supports rapid recovery upon re-illumination in the Arctic diatom *Chaetoceros neogracilis*. Polar Biol (2019). <https://doi.org/10.1007/s00300-019-02507-2>.