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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