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Product no AS09 605-trial

Rabbit anti-Goat IgG (H&L), HRP conjugated - trial sample

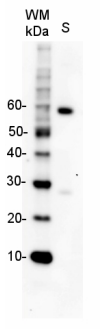
Product information

Immunogen	purified goat IgG, whole molecule
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified rabbit IgG.
Format	Liquid
Quantity	10 µl
Storage	Store lyophilized material at 2-8°C. For storage at -20°C after reconstitution 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	HRP-conjugate is supplied in 10 mM Sodium Phosphate, 0,15 M Sodium Chloride, pH 7,2, 10 % (w/v) BSA, Protease/IgG free0,1 % (v/v) of Kathon CG is used as preservative

Application information

Recommended dilution	1 : 10 000 -1 : 50 000 (ELISA), 1 : 500-1 : 5000 (IHC), 1 : 10 000 - 50 000 (WB)
Confirmed reactivity	Goat IgG heavy and light chains (H&L)
Predicted reactivity	Goat IgG Heavy and Light chains (H&L)
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	No reactivity is observed to non-immunoglobulin goat serum proteins based in immunoelectrophoresis. BSA and milk have to be replaced by other blocking reagents, like doneky serum or commercial formulations which are free from bovine IgG.

Application example



5 µg of total extract from *Arabidopsis thaliana* leaf **(S)** extracted with PEB (**AS08 300**) were separated on 4-12% NuPage (Invitrogen) **LDS-PAGE** and blotted 1h to **PVDF**. Blots were blocked immediately following transfer in 2% ECL Advance blocking reagent (GE Healthcare) in 20 mM Tris, 137 mM sodium chloride pH 7.6 with 0.1% (v/v) Tween-20 (TBS-T) for 1h at room temperature with agitation. Blots were incubated in the primary anti-BiP antibody (AS09 615) at a dilution of 1: 10 000 for 1h at room temperature with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in TBS-T at room temperature with agitation. Blots were incubated in secondary antibody (goat anti-rabbit IgG horse radish peroxidase conjugated, AGRISERA, AS09 602) diluted to 1:50 000 in 2% blocking solution for 1h at room temperature with agitation. The blots were washed as above and developed for 5 min with chemiluminescent detection reagent in extreme low femtogram range, according to the manufacturers instructions. Images of the blots were obtained using a CCD imager (FluorSMax, Bio-Rad) and Quantity One software (Bio-Rad). Exposure time was 30 seconds.