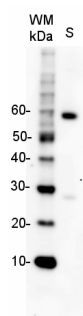


Product no **AS09 605-trial****Rabbit anti-Goat IgG (H&L), HRP conjugated - trial sample****Product information**

<b>Immunogen</b>	purified goat IgG, whole molecule
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified rabbit IgG.
<b>Format</b>	Liquid
<b>Quantity</b>	10 µl
<b>Storage</b>	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.
<b>Additional information</b>	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

**Application information**

<b>Recommended dilution</b>	1 : 10 000 - 1 : 50 000 (ELISA), 1 : 500-1 : 5000 (IHC), 1 : 10 000 - 50 000 (WB)
<b>Confirmed reactivity</b>	Goat IgG heavy and light chains (H&L)
<b>Predicted reactivity</b>	Goat IgG Heavy and Light chains (H&L)
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	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 donkey 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.