

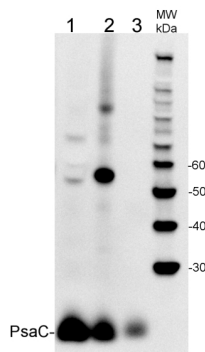
product **AS09 602**

Goat anti-rabbit IgG (H&L), HRP conjugated

product information

background	Goat anti-rabbit IgG is a secondary antibody conjugated to HRP which binds to all rabbit IgGs in <u>immunological assays</u> .
antibody format	goat polyclonal affinity purified goat IgG lyophilized
quantity	1 mg
storage	Store at 2-8°C. For extended storage after rehydration, add an equal volume of glycerol and store at -20°C. Shelf life is one year from a date of receipt.
additional information	Antibody concentration is 1 mg/ml and it has been purified by antigen-specific chromatography 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.

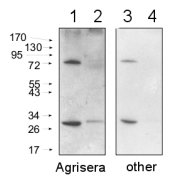
application example



5 µg of total extract from (1) *Hordeum vulgare* total leaf, (2) *Zea mays* (3) *Spinacia oleracea* 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-PsaC antibody (**AS04 042**) 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) diluted

to 1:50 000 in 2% ECL Advance blocking solution for 1h at room temperature with agitation. The blots were washed as above and developed for 5 min with ECL Advance detection reagent 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.

Comparison of Agrisera secondary antibody sensitivity



2010 | www.agrisera.com

10 µg of mitochondrial fraction from *Arabidopsis thaliana* (**1,3**) and *Arabidopsis thaliana* leaf extract (**2,4**) were separated on 10% gel and blotted on nitrocellulose membrane using wet transfer (0.22% CAPS, pH 11). Filters were blocked (1.5h) in 5% milk in TBST (1X TBS, 0,1% Tween 20), incubated with 1: 1000 anti-COXII antibodies (2h in TBST) followed by incubation with 1: 10 000 secondary anti-rabbit (1h) HRP-coupled antibodies from **Agrisera (left panel)** and **other manufacture (right panel)** and visualized with standard ECL on Kodak autoradiography film for 5 s.

Antibody in left panel detects target protein also in total cell extract (**2**) and can be used in higher dilution than applied 1: 10 000.