Agrisera
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This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS09 622

Goat anti-Chicken IgY (H&L), DyLight® 488 conjugated

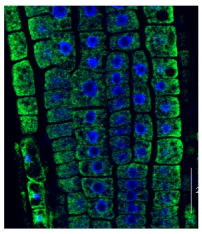
Product information

Immunogen	Purified Chicken IgY, 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. Product is stable for 4 weeks at 2-8°C after rehydration. 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	Conjugate is present in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free. 0.05 % (w/v) sodium azide is added as preservative. Based on immunoelectrophoresis, this antibody reacts with: heavy chains on chicken IgG (IgY), light chains on all chicken immunoglobulins No reactivity is observed to: non-immunoglobulin chicken serum proteins

Application information

Recommended dilution	1 : 20-1 : 2000 for most applications

Immunofluorescence



BiP localization in 5 days old *Arabidopsis thaliana* roots. BiP signal shown in green, DAPI in blue. The material has been fixed in para-formaldehyde for 30 minutes. Tissue cleaning has been performed before immunolocalization. Chicken anti-BiP primary antibody was diluted in 1: 1000 and DyLight®488 conjugated goat anti-chicken secondary antibody AS09 622 (green color) was diluted in 1: 1000. Co-staining with DAPI visualized nucleus (blue color). Scale bar – 10 µm.

Courtesy Dr. Taras Pasternak, Freiburg University, Germany