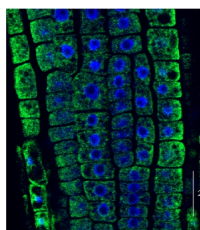


Product no **AS09 622****Goat anti-Chicken IgY (H&L), DyLight® 488 conjugated****Product information****Immunogen** | Purified Chicken IgY, whole molecule**Host** | Goat**Clonality** | Polyclonal**Purity** | Immunogen affinity purified goat IgG.**Format** | Lyophilized**Quantity** | 1 mg**Reconstitution** | 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