

Anti-Rubisco Antibody (5W652)

Product Details

| | |
|-------------------|---------------------------|
| Ig Type: | IgG1, Kappa |
| Reactivity: | Arabidopsis Thaliana,Rice |
| Molecular Weight: | Theoretical: 52 kDa. |
| Clone: | 5W652 |
| Purification: | Protein G purified |

Applications

| | |
|--------------------------------|---|
| Verified Activity: | 1. Blocking buffer: 5% NFDM/TBST |
| | Primary ab dilution: 1: 2000 |
| | Primary ab incubation condition: room temperature 2 h |
| | Secondary ab: Goat Anti-Mouse IgG H&L (HRP) |
| | Lysate: Rice |
| | Protein loading quantity: 0.008 µg |
| | Exposure time: 10 s |
| | Predicted MW: 55 kDa |
| | Observed MW: 55 kDa |
| | 2. Blocking buffer: 5% NFDM/TBST |
| | Primary ab dilution: 1: 2000 |
| | Primary ab incubation condition: room temperature 2 h |
| | Secondary ab: Goat Anti-Mouse IgG H&L (HRP) |
| | Lysate: Arabidopsis thaliana |
| Protein loading quantity: 5 µg | |
| Exposure time: 10 s | |
| Predicted MW: 55 kDa | |
| Observed MW: 55 kDa | |
| Application: | WB |
| Recommended | WB: 1:500-2000 |

Properties

| | |
|----------------------|---|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

Gene ID: 2715621

Research Background

RuBisCO catalyzes two reactions: the carboxylation of D-ribulose 1,5-bisphosphate, the primary event in carbon dioxide fixation, as well as the oxidative fragmentation of the pentose substrate in the photorespiration process. Both reactions occur simultaneously and in competition at the same active site.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481