

## Rubisco Large Chain polyclonal antibody

Catalog: BS67722

Host: Rabbit

Reactivity: Arabidopsis thaliana

**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 (Probable).

**Product:**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**Molecular Weight:**

~ 53 kDa

**Swiss-Prot:**

O03042

**Purification&Purity:**

The antibody was purified by immunogen affinity chromatography.

**Applications:**

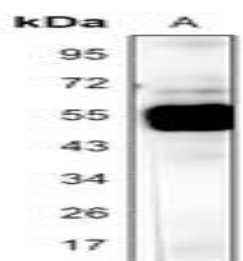
WB (1/3000 - 1/10000)

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

Recognizes endogenous levels of Rubisco Large Chain protein.

**DATA:**

Western blot analysis of Rubisco Large Chain expression in Arabidopsis thaliana (A) whole cell lysates.

**Note:**

For research use only, not for use in diagnostic procedure.

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