# SUN1 Antibody

**PACO62011**

## Product Information

**Size:**

50ul

**Reactivity:**

Arabidopsis thaliana

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:2000

**Protein Background:**

Component of SUN-protein-containing multivariate complexes also called LINC complexes which link the nucleoskeleton and cytoskeleton by providing versatile outer nuclear membrane attachment sites for cytoskeletal filaments. Required for the maintenance and/or formation of polarized nuclear shape in root hairs. Modulates the anchoring and mobility of WIP proteins and RANGAP1 in the nuclear envelope (NE). In association with SUN2, may be involved in telomere attachment to nuclear envelope in the prophase of meiosis. As component of the SUN-WIP-WIT2-KAKU1 complex, mediates the transfer of cytoplasmic forces to the nuclear envelope (NE), leading to nuclear shape changes.

**Gene ID:**

SUN1

**Uniprot**

Q9FF75

**Synonyms:**

SUN domain-containing protein 1 (AtSUN1), SUN1

**Immunogen:**

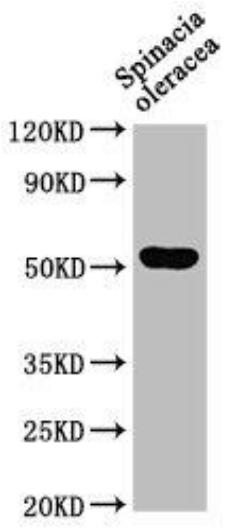
Recombinant Arabidopsis thaliana SUN domain-containing protein 1 protein (2-105AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images




Western Blot. Positive WB detected in: Spinacia oleracea leaf tissue. All lanes: SUN1 antibody at 1:1000. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 52 kDa. Observed band size: 52 kDa.