

**Product:** Anti-AtFtsH6

**Product no:** AS05 094A

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**Product Information**

**Antibody clonality:** Polyclonal

**Raised in:** Rabbit

**Purity:** Affinity purified rabbit IgG present in PBS pH 7.4

**Quantity:** 2x100 µg

**Antibody form:** Lyophilized. For reconstitution please add 91 µl of sterile water per tube. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid or lyophilized material adhering to the cap or sides of the tubes.

**Storage instructions:** -20°C or -80°C long Term storage (years). Please, avoid freezing and thawing of antibodies. Make aliquots instead.

**Background**

Degradation of the most abundant membrane protein on earth, the light-harvesting complex of Photosystem II (LHC II), is highly regulated under various environmental conditions, e.g., light stress, to prevent photochemical damage to the reaction center. FtsH6 is proposed to be a general LHC II protease and FtsH6-dependent LHC II proteolysis can be a feature of all higher plants.

**Immunogen:** This antibody is raised against the peptide chosen from *Arabidopsis thaliana* FtsH6 protein.

**Application information:**

**Western Blot:** 1: 500 – 1: 1 000 using regular ECL

**MW:** 74.36 kDa

**Reactivity:** *Arabidopsis thaliana* chloroplast and thylakoid samples.

*Antibodies are intended for the research use only not for diagnostic or therapeutic use.*

Distributor



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Inspiration for Life Science

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