

## **Product information**

Antibody name: anti-serine/threonine protein kinase

(Atg4g02630; MIPS); TAK1

Product number: K02A-1

Product description: polyclonal antibody;

contains 0.01% NaN<sub>3</sub>

Raised in: rabbit

*Immunogen:* recombinant serine/threonine protein kinase (At4g02630; MIPS) from

Arabidopsis thaliana

*Immunodetection:* Western blot (1 : 1.000 for ECL)

Immunocrossreaction: Arabidopsis; other higher

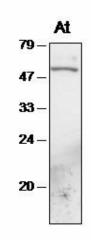
plant species

Storage: short term +4°C; long term -20°C. Repeated

freezing and thawing is not recommended.

Quantity: 100 µl

**Background:** serine-threonine protein kinase (Atg4g02630) with molecular weight of 56 kDa and known as TAK-kinase was found in chloroplast thylakoid membranes (Snyders and Kohorn, 1999, JBC 274, 9137 - 9140; 2001, JBC 276, 32169 - 32176). It was initially suggested that TAK-kinases (TAK 1 - 3) could be involved in the phosphorylation of LHCII and photosystem II proteins.



Western blot analysis of *Arabidopsis* chloroplast proteins with anti-TAK1

## For research purposes only

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