

Product information

Antibody name: anti-serine/threonine protein kinase
(Atg4g02630; MIPS); TAK1

Product number: K02A-1

Product description: polyclonal antibody;
contains 0.01% NaN₃

Raised in: rabbit

Immunogen: recombinant serine/threonine
protein kinase (Atg4g02630; 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