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**Product no AS03 036**

# Elip2 | Early light inducible protein 2

## Product information

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| **Immunogen** | Short peptide chosen from a sequence of early light-induced protein 2 of *Arabidopsis thaliana* AAD28779.1 |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Purity** | Serum |
| **Format** | Lyophilized |
| **Quantity** | 200 µl |
| **Reconstitution** | For reconstitution add 200 µl of sterile water |
| **Storage** | Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube. |
| **Additional information** | To obtain a signal with this antibody plants have to be exposed to a fluorescent light source HQI-E bulb 400W/D, above 800 mE. |

## Application information

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| **Recommended dilution** | 1 : 500 (WB) |
| **Expected \| apparent MW** | 21 kDa |
| **Confirmed reactivity** | *Arabidopsis thaliana* |
| **Not reactive in** | Other plant species than *Arabidopsis thaliana* |
| **Additional information** | Western blot images are presented in respective publications |
| **Selected references** | Yao et al. (2015). Ultraviolet-B protection of ascorbate and tocopherol in plants related with their function on the stability on carotenoid and phenylpropanoid compounds. Plant Physiology and Biochemistry Volume 90, May 2015, Pages 23–31.<br>Andersson et al. (2003). Light stress-induced one-helix protein of the chlorophyll a/b-binding family associated with photosystem I. Plant Physiol. 132:811-820.<br>Heddad & Adamska (2000). Light stress-regulated two-helix proteins in Arabidopsis thaliana related to the chlorophyll a/b-binding gene family. PNAS 97:3741-3746. |