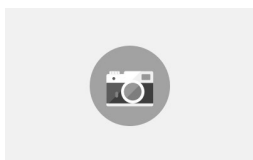


Anti-STN7 | Serine/threonine-protein kinase STN7 (chloroplastic) - HRP conjugated 40Âµg



Qty: AS16 4098-HRP

AS16 4098-HRP | Clonality: **Polyclonal** | Host: **Rabbit** | Reactivity: *Arabidopsis thaliana*, *Nicotiana tabacum*

Price: 505 €

Agrisera Western Blot protocol and video tutorials

Protocols to work with plant and algal protein extracts

Oxygenic photosynthesis poster by prof. Govindjee and Dr. Shevela

Z-scheme of photosynthetic electron transport by prof. Govindjee and Dr. Björn and Dr. Shevela

- Product Info
- Immunogen: *KLH*-conjugated synthetic peptide specific for *Arabidopsis thaliana* STN7 serine/threonine kinase, UniProt: [Q9S713](#), TAIR: [At1g68830](#)
- Host: Rabbit
- Clonality: Polyclonal
- Purity: Immunogen affinity purified serum in PBS pH 7.4, conjugated to HRP.
- Format: Liquid
- Quantity: 40 µg
- Storage: Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.
- Tested applications: Western blot (WB)
- Recommended dilution: 1 : 1000 (WB)
- Expected | apparent MW: 63.2 | 44 kDa (on urea gel), 55 kDa (no urea)
- Reactivity
- Confirmed reactivity: *Arabidopsis thaliana*, *Nicotiana tabacum*
- Predicted reactivity: *Anthurium amnicola*, *Arabidopsis alpina*, *Capsicum annuum*, *Dichanthelium oligosanthes*, *Glycine soja*, *Gossypium hirsutum*, *Hordeum vulgare*, *Medicago truncatula*, *Morus notabilis*, *Nelumbo nucifera*, *Nicotiana sylvestris*, *Noccaea caerulea*, *Vigna radiata* var. *Radiata*
- Not reactive in: Species of your interest not listed? [Contact us](#)
- No confirmed exceptions from predicted reactivity are currently known
- Background
- **STN7** (serine/threonine protein kinase) (EC=2.7.11.1) in *Arabidopsis thaliana*, and its Stt7 homologue in *Chlamydomonas reinhardtii*, is required for LHCII phosphorylation and for state transitions. The loss of this thylakoid-associated kinase blocked stn7 (stt7)-deficient mutants in state 1. Alternative names: Protein STATE TRANSITION 7, Stt7 homolog.
- Background: This antibody is directly conjugated to HRP.