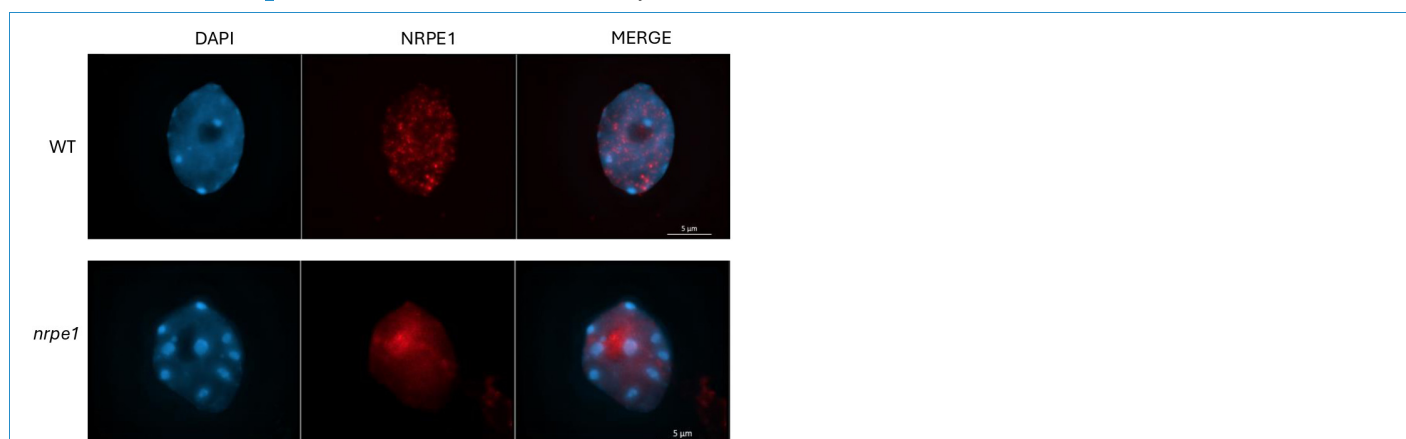


Product no **AS23 4998****Anti-NRPE1 | DNA-directed RNA polymerase V subunit 1****Product information**

Immunogen	KLH-conjugated peptide derived from <i>Arabidopsis thaliana</i> NRPE1 protein sequence, UniProt: Q5D869 TAIR: AT2G40030
Host	Rabbit
Clonality	Polyclonal
Purity	Antigen affinity purified serum, in PBS pH 7.4
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution, add 50 µl, of sterile or deionized water.
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted, make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Application information

Recommended dilution	1 : 250 (IF)
Expected apparent MW	218 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<i>Brassica napus</i> , <i>Capsella rubella</i> , <i>Camelina sativa</i> , <i>Populus tomentosa</i> Species of your interest not listed? Contact us
Not reactive in	<i>Hordeum vulgare</i>
Selected references	To be added when available. Antibody released in October 2025.

Type of material: *Arabidopsis thaliana* 7-day-old seedlings, WT (Col0) and in *nrpe1* mutant (SALK_029919)

Fixation: formaldehyde

Hydrophilization: no

Cell wall digestion: yes

Membrane permeabilization: Triton at 0.5%

Antigen retrieval: no

Blocking buffer: BSA 0.3%

Washing buffer: PBS

Primary antibody dilution and incubation time: 1:250 ON/4°C

Secondary antibody: 1:1000 1h/RT, INVITROGEN A21430 goat anti-rabbit Alexa Fluor 555

Co-staining of the nucleus (DAPI): yes

Courtesy of Dr. Lauriane Simon, iGReD, France