



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Asparagine synthetase antibody

**Cat No. GTX00925**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF, IHC-P, ELISA
<b>Reactivity</b>	Arabidopsis thaliana, Plant

**Package**  
200 µg

## APPLICATION

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Dilution
WB	1:1000-1:2000
ICC/IF	Assay dependent
IHC-P	1:100-1:500
ELISA	Assay dependent

Not tested in other applications.

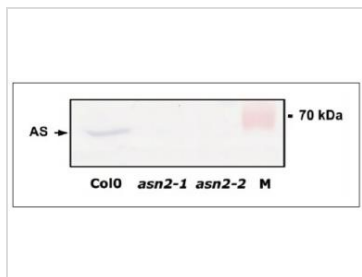
## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	Filter-sterilized PBS, 50% glycerol
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	4 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Purified recombinant Arabidopsis asparagine synthetase isoprotein 2 (ASN2), full-size, no-tag attached
<b>Purification</b>	Protein A/G purified
<b>Conjugation</b>	Unconjugated
<b>Note</b>	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES

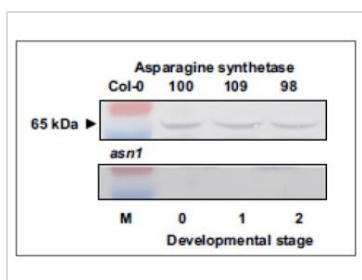


**GTX00925 WB Image**

WB analysis of various arabidopsis leaf extract using GTX00925 Asparagine synthetase antibody.

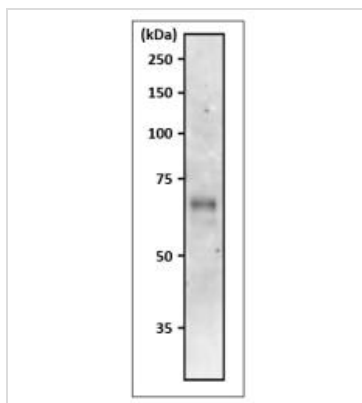
Lane 1 : Col0 is wild-type Arabidopsis plant

Lane 2 & 3 : asn2-1 and asn2-2 are T1 insertion mutants, respectively.



**GTX00925 WB Image**

WB analysis of absence of ASN1 protein in extracts of floral organ of asn1 insertion mutant using GTX00925 Asparagine synthetase antibody. Wild type (Col-0) samples are analyzed in the upper window, and asn1 mutant samples are in the lower window. The upper numerals are the protein levels measured by densitometric tracing of western blot. Developmental stages are indicated below. Marker proteins are 72 and 55 kDa.

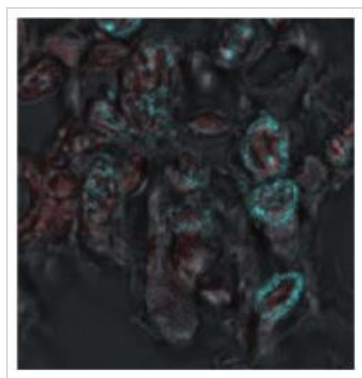


**GTX00925 WB Image**

WB analysis of Arabidopsis leaf extract using GTX00925 Asparagine synthetase antibody. Molecular mass of Arabidopsis ASN2 is 65 kDa.

Dilution : 1:1000

Loading : 10 µg



**GTX00925 ICC/IF Image**

ICC/IF analysis of Arabidopsis thin leaf section using GTX00925 Asparagine synthetase antibody.

Blue: Primary antibody

Red: Autofluorescence



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