Asparagine synthetase antibody

Cat. No. GTX00925

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, ELISA
Reactivity	Arabidopsis thaliana, Plant

Package
200 µg

Applications

Application Note

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

Suggested dilution	Recommended 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

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	4 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Purified recombinant Arabidopsis asparagine synthetase isoprotein 2 (ASN2), full-size, no-tag attached
Purification	Protein A/G purified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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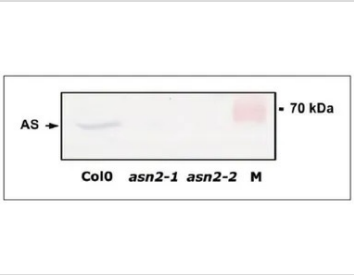
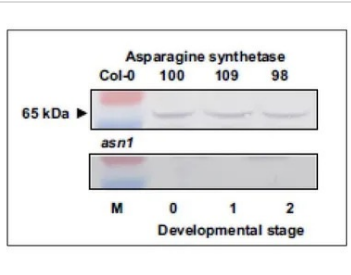
DATA IMAGES



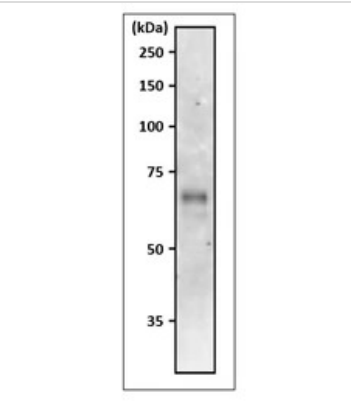
GTX00925 WB Image

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.



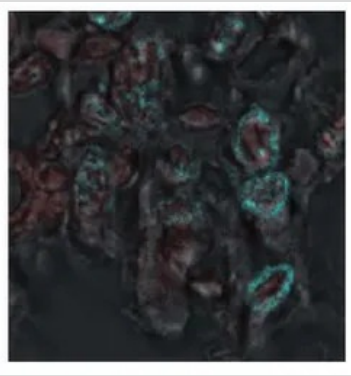
GTX00925 WB Image

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 antibod
Red: Autofluorescence

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