

ARG67163 anti-CSN5A + CSN5B antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CSN5A and CSN5B
Tested Reactivity	Arabi
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CSN5A + CSN5B
Species	Plant
Immunogen	Synthetic peptide corresponding to center region of arabidopsis thaliana CSN5A/B protein.
Conjugation	Un-conjugated
Alternate Names	AJH1; CSN5B; COP9 signalosome complex subunit 5a; Signalosome subunit 5a; Jun activation domain-binding homolog 1; AJH2; CSN5A; COP9 signalosome complex subunit 5b; Signalosome subunit 5b; Jun activation domain-binding homolog 2

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	40 kDa	

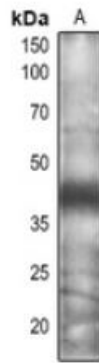
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CSN5A; CSN5B
Gene Full Name	COP9 signalosome 5A + COP9 signalosome 5B
Background	CSN5A: AJH1 encodes a protein similar to JAB1, a specific mammalian coactivator of AP-1 transcription. Encodes a subunit of the COP9 complex that is involved in protein deneddylation. Plants with mutations in CSN5A and CSN5B have a de-etiolated phenotype. CSN5B: Encodes a subunit of the COP9 complex, similar to JAB1, a specific mammalian coactivator of AP-1 transcription. Involved in protein deneddylation. Double mutants with CSN5A are constitutively photomorphogenic (de-etiolated) and have abnormal auxin responses.
Function	The CSN complex is involved in repression of photomorphogenesis in darkness by regulating the activity of COP1-containing Ubl ligase complexes. [UniProt] The complex is also required for degradation of PSIAA6 by regulating the activity of the Ubl ligase SCF-TIR complex. [UniProt] Involved in CSN's deneddylation/derubylation activity. [UniProt]
Calculated Mw	39;40 kDa
Cellular Localization	Cytoplasm, Nucleus. [UniProt]

Images



ARG67163 anti-CSN5A + CSN5B antibody WB image

Western blot: *Arabidopsis thaliana* stained with ARG67163 anti-CSN5A + CSN5B antibody.