



Rabbit anti-Arabidopsis thaliana SKL1A (Middle region) Polyclonal Antibody (CABT- Z024R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of arabidopsis thaliana SKL1A.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
Molecular Weight	Predicted M.W.: 18 kDa; Observed M.W.: 18, 27 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of arabidopsis thaliana SKL1A (At1g75950).
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN ₃ .

Preservative	0.01% NaN ₃
Storage	Store at -20°C. Stable for 6 months from date of receipt.
Ship	Wet ice

BACKGROUND

Introduction	ASK1 is also known as S PHASE KINASE-ASSOCIATED PROTEIN 1 (SKP1A), which is involved in ubiquitination and subsequent proteasomal degradation of target proteins. Together with CUL1, RBX1 and a F-box protein, it forms a SCF E3 ubiquitin ligase complex. The functional specificity of this complex depends of the type of F-box protein. In the SCF complex, it serves as an adapter that links the F-box protein to CUL1. SCF(UFO) is required for vegetative and floral organ development as well as for male gametogenesis. SCF(TIR1) is involved in auxin signaling pathway. SCF(COI1) regulates responses to jasmonates. SCF(EID1) and SCF(AFR) are implicated in phytochrome A light signaling. SCF(ADO1), SCF(ADO2), SCF(ADO3) are related to the circadian clock. SCF(ORE9) seems to be involved in senescence. SCF(EBF1/EBF2) may regulate ethylene signaling. ASK1 plays a role during embryogenesis and early postembryonic development, especially during cell elongation and division. ASK1 contributes to the correct chromosome segregation during tetrad formation.
Keywords	SKP1-like protein 1A;UFO-binding protein 1;UIP1;At1g75950;T4O12.17;ARABIDOPSIS SKP1 HOMOLOGUE 1;ATSKP1;S PHASE KINASE-ASSOCIATED PROTEIN 1;UFO INTERACTING PROTEIN 1

GENE INFORMATION

Gene Name	SKP1A
Entrez Gene ID	843928
UniProt ID	Q39255