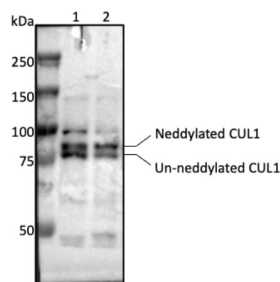


Product no **AS23 4927****Anti-CUL1 | Cullin-1****Product information**

Immunogen	KLH-conjugated peptide derived from <i>Arabidopsis thaliana</i> CUL1 protein sequence, UniProt: Q94AH6 TAIR: AT4G02570
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 : 5000 (WB)
Expected apparent MW	86.3 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<i>Brassica napus</i> , <i>Camelina sativa</i> , <i>Capsella rubella</i> , <i>Raphanus sativus</i> Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	To be added when available, antibody available in September 2024.



Total proteins were extracted from the fully-expanded leaves of 3-week-old *Arabidopsis thaliana* ecotype Col-0 and ipk1-1 (T-DNA mutant SALK_065337) plants using a 6 M Urea solution. About 20 µg of each extract was denatured by boiling in 1X Laemmli buffer at 98 °C for 10 mins. Samples were resolved on 7.5% SDS-PAGE gel and blotted for 1.5 hr on PVDF membrane using wet transfer at 4 °C. The membrane was blocked with 5% skimmed milk for 1 hr at room temperature with mild rocking. The membrane was then incubated in the primary antibody at a dilution of 1:5000 in TBS-T at 4 °C overnight with mild rocking. The antibody solution was discarded, and the membrane was washed 3 times for 10 mins each in TBS-T at room temperature with mild rocking. The membrane was then incubated in matching secondary antibody (anti-rabbit IgG HRP-conjugated) diluted to 1:10 000 in TBS-T for 1 hr at room temperature with mild rocking. The blot was washed as earlier and developed with the chemiluminescent detection reagent. Exposure time was adjusted to 4 sec.

Courtesy of Dr.Saikat Bhattacharjee, Regional Center For Biotechnology, Haryana, India