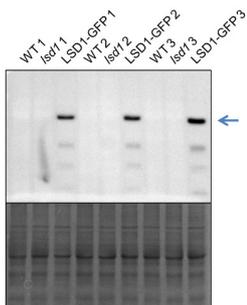


Product no **AS12 2104****LSD1 | Lesion simulating disease 1 (chicken antibody)****Product information**

Immunogen	KLH-conjugated synthetic peptide derived from <i>Arabidopsis thaliana</i> LSD1 sequence, UniProt: P94077 , TAIR: AT4G20380 .
Host	Chicken
Clonality	Polyclonal
Purity	Immunogen affinity purified IgY in PBS pH 7.4. Contains 0.02 % sodium azide.
Format	Liquid
Quantity	50 µg
Storage	Store at 4°C; make aliquots to avoid working with a stock. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 1000 (WB)
Expected apparent MW	19,5 kD
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<i>Brassica oleracea</i> , <i>Pisum sativum</i> Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	This antibody has so far confirmed reactivity on recombinant LSD1

Application example

50 g of total protein from *Arabidopsis thaliana* wild type, lsd1 mutant and transgenic plants overexpressing LSD1-GFP protein under 35S promoter were extracted with the following extraction buffer: 0.0625 M Tris-HCl pH 6.8, 1 % SDS, 10 % glycerol, 0.01% beta-mercaptoethanol) were separated in 10 % SDS-PAGE and blotted for 16 hours to PVDF at 4°C using tank transfer. Blots were blocked in PBS-T with 4.5 % non-fat milk for 4 hours at room temperature with agitation. Blot was incubated in the primary antibody at a dilution of 1: 500 for 20 hours at 4°C with agitation. The antibody solution was decanted and the blot was washed 5x for 10 minutes in PBS-T at RT with agitation. Blot was incubated in secondary antibody, anti-chicken IgY, HRP conjugated diluted to 1: 7500 in PBS for 1 hour at RT with agitation. The blot was washed as above and developed for 5 minutes with ECL according to the manufacturer's instruction. Exposure time was 1 minute.

Courtesy of Dr. Keun Pyo Lee, SIBS, China