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This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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Product no AS13 2746

Anti-LSD1 | Lesion simulating disease 1 (rabbit antibody)

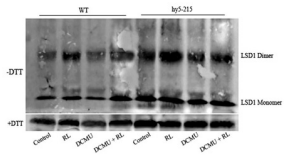
Product information

Immunogen	KLH-conjugated synthetic peptide derived from *Arabidopsis thaliana* LSD1 sequence, UniProt:P94077, TAIR: AT4G20380
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. 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	20 kD
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Brassica olereacea, Pisum sativum* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Chai et al. (2015). LSD1 and HY5 antagonistically regulate red light induced-programmed cell death in Arabidopsis. Front Plant Sci. 2015 May 5;6:292. doi: 10.3389/fpls.2015.00292. eCollection 2015.

application example



40 µg of total protein from 0.4g leaves extracted with1ml extraction buffer (50 mM Tris-HCl, pH 6.8, 50mM DTT, 4%SDS, 10%glycerol,PVPP) were separated on12 % SDS-PAGE using tank transfer and blotted 1h to PVDF. Blots were blocked with 5% skimmed milk powder for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 for 4 h at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, from) diluted to 1:0 000 in for 1h at RT with agitation. The blot was washed as above and developed for 5 min with ECL according to the manufacturer's instructions. Exposure time was second.

Courtesy of Dr. Tingting Chai, South China Normal University, China