Agrisera
Part of Olink® Group

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

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS16 4069

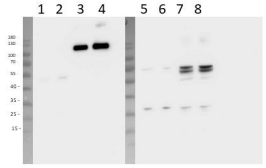
UVR3 | Protein UV repair defective 3

Product information

Immunogen	KLH-conjugated peptide derived from *Arabidopsis thaliana* UVR3 protein sequence, UniProt: O48652-1, TAIR: AT3G15620
Host	Rabbit
Clonality	Polyclonal
Purity	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 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.
Additional information	Reactivity of this antibody on endogenous material remains to be determined. UVR3 is a low abundance protein, therefore use of specific cellular fraction or concentration through TCA/acetone precipitation is recommended.

Application information

Recommended dilution	1 : 1000 (WB)
Expected | apparent MW	63.7 kDa
Confirmed reactivity	*Arabidopsis thaliana* UVR3-GFP
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	To be added when available, antibody available in September 2022.



Samples: 1,2 - Cell lysate from *Arabidopsis thaliana* leaves, overexpressing UVR3 fused to GFP.
3,4 - UVR3-GFP immunoprecipitated using GFP-Trap Agarose beads (Chromotec) from *Arabidopsis thaliana* leaves overexpressing UVR3 fused to GFP Cell lysate from E.coli expressing recombinant protein UVR3 with his-tag. 5,6 – before induction
7,8 – after induction, and production of protein

Samples were separated on 12% SDS-PAGE, blotted 0,5h using semi-dry transfer. Nitrocellulose membrane were blocked with 0,5% milk for 1h. Blot was incubated in the primary antibody diluted 1:1 000 ON/4ºC. After rising blot was incubated with secondary antibody goat anti rabbit IgG HRP conjugated (Agrisera. AS09 602) diluted 1:10 000. Detection: chemiluminescence. Mass Marker: Page Ruler Protein Ladder.

Courtesy of Dr. Justyna Łabuz Laboratory of Photobiology Malopolska Centre of Biotechnology Jagiellonian University, Kraków, Poland