Agrisera

contact: support@agrisera.com

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

product AS11 1775

C-YFP | C-terminal of YFP

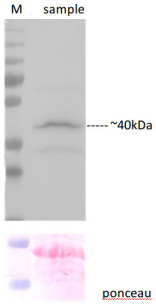
product information

Background	**YFP (Yellow Fluorescent Protein)** is a genetic mutant of green fluorescent protein (GFP). YFP has an excitation peak at 514 nm and emission peak at 527 nm.
Immunogen	KLH-conjugated synthetic peptide derived from C-terminal of YFP protein. This peptide is conserved in pGWB541 Vector.
Host	Rabbit
Clonality	Polyclonal
Purity	Affinity purified serum in PBS, pH 7.4
Format	Lyophilized in PBS pH 7.4
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.
Tested applications	Western blot (WB)
Related products	AS11 1776 | anti-N-YFP | N-terminal of YFP, rabbit antibodies Collection of antibodies to fluorsecent tags Collection of antibodies to tag proteins Plant and algal protein extraction buffer Secondary antibodies

Application information

Recommended dilution	1 : 10 000 (WB)
Confirmed reactivity	C-YFP tagged proteins from *Arabidopsis thaliana*
Not reactive in	No confirmed exceptions from predicted reactivity are currently known.
Selected references	To be added when available, antibody released in May 2016.

Application example



Sample preparation and immunoblot analysis were carried out as described in Karnik et al., Plant Cell 2015, March 2015 vol. 27 no. 3 675-694. For immunoblot analysis of plant tissues,leaves were excised and flash frozen in liquid N2. Frozen tissue was ground in equal volumes (w/v) of

homogenization buffer containing 500 mM sucrose, 10% glycerol, 20 mM EDTA,20m MEGTA, ProteaseInhibitor(Roche),10mMascorbicacid,5mM DTT, and 50 mM Tris-HCl, pH 7.4, and centrifuged at 13,000g and 4°C for 30 min to pellet debris. Supernatant was diluted 1:1 in 23 Laemmli buffer containing 2.5% 2-mercaptoethanol, heated to 95°C for 10 min, and separated by SDS-PAGE on a 12% Acrylamide gel. Ponceau S-stained Rubisco bands were used as loading standards for plant samples. Membrane type: Cellulose Nitrate (GE Healthcare) Blocking reagent: GE Healthcare Wash buffer: Tris Buffered Saline, 0.5% Tween Exposure time: 10 – 20 seconds.

Courtesy of Dr. Rucha Karnik, University of Glasgow, UK