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 3219

Anti-BZR1 | Brassinazole resistant 1 (Oryza sativa)

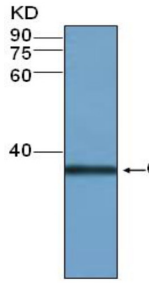
Product information

Immunogen	KLH-conjugated synthetic peptide derived from *Oryza sativa* BZR1 protein, UniProt: Q7XI96
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
Reconstitution	For reconstitution add 50 µl of sterile water
Storage	The antibody may be stored at -20°C for one year in its original formulation. Additionally, antibody may be stored at 2°C to 8°C for up to 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles of the diluted antibody.

Application information

Recommended dilution	1 : 500-1 : 1000 (WB)
Expected | apparent MW	31 kDa
Confirmed reactivity	*Oryza sativa*
Predicted reactivity	*Hordeum vulgare, Zea mays* Species of your interest not listed? Contact us
Not reactive in	*Arabidopsis thaliana*

application example



Total protein from *Oryza sativa* rice (CV. 9311) flag leaf at the tillering stage was ground into a fine powder in liquid nitrogen. An 800 ul aliquot of extraction buffer [62.5 mM TRIS-HCl (pH 7.4), 10% glycerol, 0.1% SDS, 2 mM EDTA, 1 mM phenylmethylsulphonyl fluoride (PMSF), 5% (v/v) b-mercaptoethanol] was added to each 300 mg powder sample. The mixture was vortexed and then chilled on ice for 10 min. Samples were centrifuged at 12 000 rpm for 10 min at 4 , and the supernatant was collected and stored at –70 . The protein concentrations of the rice samples were determined using the Bradford method (Bradford, 1976). 20 µg of protein was separated on 12 % SDS-PAGE and blotted 1h to PVDF. Blots were blocked with for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 500 for 1h 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) diluted to 1:10 000 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 2 min