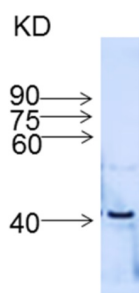


Product no **AS16 3847****IFR | isoflavone reductase****Product information**

<b>Immunogen</b>	KLH-conjugated peptide derived from <i>Oryza sativa</i> UniProt: <a href="#">Q9FTN5</a> , LOC_Os01g01660.1
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<b>Reconstitution</b>	For reconstitution add 100 µl of sterile water
<b>Storage</b>	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**

<b>Recommended dilution</b>	1 : 500 (WB)
<b>Expected   apparent MW</b>	33   40 kDa
<b>Confirmed reactivity</b>	<i>Oryza sativa</i>
<b>Predicted reactivity</b>	<i>Oryza sativa</i>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known

**Application example**

50-100 µg of total protein from *Oryza sativa* cv. 9311 flag leaf at maturing stage, extracted with protein extraction reagent were separated on 15% SDS-PAGE and blotted 1h to PVDF using wet transfer. Blots were blocked with 1×TBST+5% Nonfat dry milk for 1h at 37 °C with agitation. Blot was incubated in the primary antibody at a dilution of 1: 500 in 1×TBST+5% Nonfat dry milk 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 1:15 000 in 1× TBST + 5% Nonfat dry milk for 2h 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 10-20 seconds.