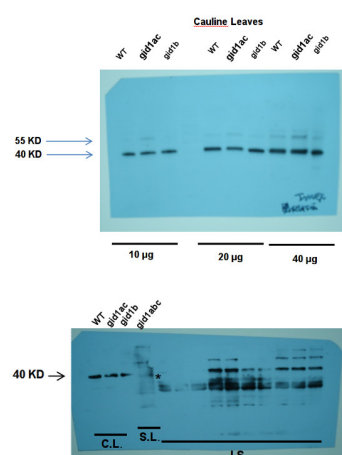


Product no **AS14 2800****GID1c | Gibberellin receptor GID1C****Product information**

<b>Immunogen</b>	recombinant full-length <i>Arabidopsis thaliana</i> GID1c, UniProt: <a href="#">Q940G6</a> TAIR: <a href="#">At5g27320</a>
<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 50 µl of sterile water
<b>Storage</b>	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**

<b>Recommended dilution</b>	1 : 5000 (WB)
<b>Expected   apparent MW</b>	38 kDa ( <i>Arabidopsis</i> )
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Arabidopsis alpina</i> , <i>Ricinus communis</i> Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	This antibody is also recognizing GST-GID1,
<b>Selected references</b>	<a href="#">Hauvermale et al. (2015)</a> . Loss of <i>Arabidopsis thaliana</i> seed dormancy is associated with increased accumulation of the GID1 GA hormone receptors. <i>Plant Cell Physiol.</i> 2015 Jul 1. pii: pcv084.

**application example**

20 µg of total protein from *Arabidopsis thaliana* cauline leaves (C.L.), seedling (S.L.) material or imbibed seeds (I.S.) was extracted in 50 mM Phosphate buffer (pH 7.0) with 1X protease inhibitor (Sigma Aldrich) and was separated on a TGX and KD SDS-PAGE gel (BioRad) and blotted 14 min to PVDF using BioRad semi-dry turbo transfer system. Blots were blocked with 2% ECL advance (GE healthcare) for 1 h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 overnight 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, Agrisera, AS09 602) diluted to 1:75,000 in for 1 h at RT with agitation. The blot was washed as above and developed for 5 min with high sensitivity chemiluminescent detection reagent, according to the manufacturer's instructions. Exposure time was 30 seconds.



This product is **for research use only** (not for diagnostic or therapeutic use)

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Courtesy of Dr. Amber Hauvermale, Department of Crop and Soil Sciences, Washington State University, USA