

Product no **AS13 2745**  
**AHB2 | Hemoglobin 2**

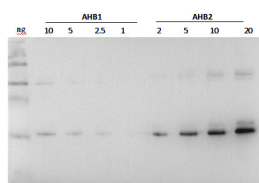
## Product information

<b>Immunogen</b>	Recombinant <i>Arabidopsis thaliana</i> AHB2 protein, UniProt: <a href="#">Q24521</a> , TAIR: <a href="#">AT3G10520</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 : 1000 (WB)
<b>Expected   apparent MW</b>	17,9   17,9 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Beta vulgaris</i> , <i>Brassica napus</i> , <i>Gossypium hirsutum</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</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

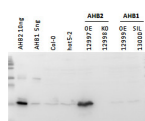
## application example



### Reactivity of AHB2 antibodies to recombinant AHB1 and AHB2

ng of recombinant *Arabidopsis thaliana* AHB1 and AHB2 are indicated on a blot. The SDS gels are 15% acrylamide (28:1 acrylamide:bis-acrylamide). Transfer to PVDF occurred at 100 mAmp per gel for 90 minutes. Blocking solution was "blotto" (2.5 % (w/v) non-fat dry milk dissolved in TBST (TBS + 0.05% Tween-20)). Blocking occurred for 15 minutes. Blots were agitated at room temperature with 1:1000 anti-AHB2 primary antibody for 2 hours. Blot was incubated in secondary antibody at a concentration of 1:5000. Exposure time was consistently between 30 and 60 seconds.

Courtesy of: Damian Guerra; Laboratory of Elizabeth Vierling; University of Massachusetts, Amherst; Amherst, USA



### AHB2 expression in stage 1-15 flowers

Indicated protein amounts of *Arabidopsis thaliana* extracts are indicated on a blot. The SDS gels are 15% acrylamide (28:1 acrylamide:bis-acrylamide). Transfer to PVDF occurred at 100 mAmp per gel for 90 minutes. Blocking solution was "blotto" (2.5 % (w/v) non-fat dry milk dissolved in TBST (TBS + 0.05% Tween-20)). Blocking occurred for 15 minutes. Blots were agitated at room temperature with 1:1000 anti-AHB2 primary antibody for 2 hours. Blot was incubated in secondary antibody at a concentration of 1:5000. Exposure time was consistently between 30 and 60 seconds.

Courtesy of: Damian Guerra; Laboratory of Elizabeth Vierling; University of Massachusetts, Amherst; Amherst, USA



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

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