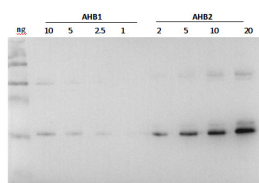


Product no **AS13 2745****Anti-AHB2 | Hemoglobin 2****Product information**

Immunogen	Recombinant <i>Arabidopsis thaliana</i> AHB2 protein, UniProt: Q24521 , TAIR: AT3G10520
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
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 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.

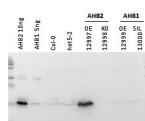
Application information

Recommended dilution	1 : 1000 (WB)
Expected apparent MW	17.9 17.9 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<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? Contact us
Not reactive in	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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