

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

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Product no AS13 2745

# Anti-AHB2 | Hemoglobin 2

#### **Product information**

Immunogen Recombinant Arabidopsis thaliana AHB2 protein, UniProt: <u>O24521</u>, TAIR: <u>AT3G10520</u>

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

17.9 | 17.9 kDa

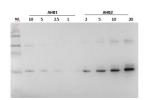
Confirmed reactivity Arabidopsis thaliana

Predicted reactivity Beta vulgaris, Brassica napus, Gossypium hirsutum, Solanum lycopersicum, Solanum tuberosum

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.

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