

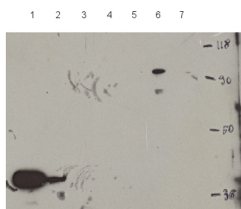
Product no **AS11 1792****HDT1 | Histone deacetylase****Product information**

<b>Immunogen</b>	Recombinant part of <i>Arabidopsis thaliana</i> HDT1 <a href="#">Q9FVE6</a> , <a href="#">At3g44750</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum in PBS pH 7.4.
<b>Format</b>	Liquid
<b>Quantity</b>	50 µg
<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.

**Additional information** | Antibody is present in PBS + 50 % glycerol and 0,01 % of sodium azide as preservative of bacterial growth

**Application information**

<b>Recommended dilution</b>	1 : 1000 (WB)
<b>Expected   apparent MW</b>	26,4 kDa
<b>Predicted reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Not reactive in</b>	<i>Gossypium</i> sp.
<b>Selected references</b>	<a href="#">Derbyshire</a> et al. (2015). Proteomic Analysis of Microtubule Interacting Proteins over the Course of Xylem Tracheary Element Formation in <i>Arabidopsis</i> . <i>Plant Cell</i> . 2015 Oct 2. pii: tpc.15.00314.

**application example**

50 µg of *Arabidopsis* T87 nuclear proteins, extracted with Nuclei Lysis Buffer (1% SDS, 50mM Tris-HCl, 10mM EDTA, Complete EDTA-free) or 50 µg of total *Arabidopsis* T87 proteins, extracted with Laemmli Buffer from grinded in liquid nitrogen material, were separated on 12 % SDS-PAGE and blotted 1,5h to PVDF membrane (WestranS 0,20 µm, Whatman). Blots were blocked with 5% fat free milk in TBST for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1 : 1 000 in 2,5% fat-free milk in TBST overnight at 40 °C with agitation. The antibody solution was decanted and the blot was washed with TBST three times for 10 min. and blocked in 10% fat-free milk in TBST for 10 min. Next, blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:5 000 in 5% fat-free milk in TBST for 2h at RT with agitation. The blot was washed six times for 10 min. with TBST and developed for 5 min with ECL+ (Amersham) according to the manufacturers instructions. Exposure time was 1 min.

Courtesy of Msc. Daniel Buszewicz, PAN, Poland