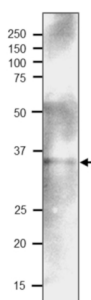


Product no **AS20 4413****PBP1 | PYK10-binding protein 1 (C-terminal)****Product information**

<b>Immunogen</b>	Conjugated peptide, derived from C-terminus of <i>Arabidopsis thaliana</i> PBP1, UniProt: <a href="#">O04314</a> , TAIR: <a href="#">At3g16420</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Total IgG. Protein A purified in PBS, 50% glycerol. Filter sterilized.
<b>Format</b>	Liquid at 2 mg/ml.
<b>Quantity</b>	200 µg
<b>Storage</b>	Store 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: 500 (IF), 1: 2000 -1:6000 (WB)
<b>Expected   apparent MW</b>	32   35 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	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>Selected references</b>	<a href="#">Nagano</a> et al. (2005). Activation of an ER-body-localized beta-glucosidase via a cytosolic binding partner in damaged tissues of <i>Arabidopsis thaliana</i> . <i>Plant Cell Physiol.</i> 2005 Jul;46(7):1140-8. doi: 10.1093/pcp/pci126. (Immunofluorescence, Western Blot, <i>Arabidopsis thaliana</i> )



*Arabidopsis thaliana* crude leaf from 7 day-old seedlings was freshly extracted with 2x SDS-sample buffer (+ 2ME) for SDS-PAGE and denatured with 4X SDS buffer at 95 °C for 5 min. 10 µg of protein was loaded and separated on 12.5 % SDS-PAGE and blotted to PVDF membrane at 15 V overnight. Blot was blocked with 3 % skim milk/TBS-T, 1h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1000 in TBS-T for 1h/RT. The antibody solution was decanted and the blot was washed 4 times for 10 min in TBS-T at RT with agitation. Blot was incubated in matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 in for 1h/RT with agitation. The blot was washed as above and developed with a chemiluminescent detection reagent, following manufacture's recommendations.