

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

contact: support@agrisera.com

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS20 4410

PYK10 | Beta-Galactosidase (C-terminal)

Product information

Immunogen Conjugated peptide, derived from Arabidopsis thaliana C-terminal of PYK10, UniProt: A0A178VCN3, TAIR: At3g08880.

Host Rabbit

Clonality Polyclonal

Purity Total IgG. Protein A purified in PBS, 50% glycerol. Filter sterilized.

Format Liquid at 2 mg/ml.

Quantity 100 μg

Storage 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

Recommended dilution 1:500-1:1000 (IHC), 1:5000-1:20 000 (WB)

Expected | apparent 59,7 | 56 kDa

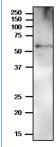
Predicted reactivity | Species of your interest not listed? Contact us

Not reactive in No confirmed exceptions from predicted reactivity are currently known

Additional information N-terminal signal peptide including 24 amino acis and ER retention signal is removed from the mature protein

Selected references Matsushima et al. (2003). A novel ER-derived compartment, the ER body, selectively accumulates a beta-glucosidase

with an ER-retention signal in Arabidopsis. Plant J. 2003 Feb;33(3):493-502. doi: 10.1046/j.1365-313x.2003.01636.x.



Arabidopsis thaliana 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. were separated on 12.5 % SDS-PAGE and blotted to PVDF membrane in semi-dry system. Blot was blocked with 5 % skim milk/TBS-T, 1h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 1: 4000 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.