

Datasheet for ABIN4966114

anti-beta-Amylase 1 antibody (cleaved, N-Term)



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Overview

Quantity:	50 µL
Target:	beta-Amylase 1 (BAM1)
Binding Specificity:	cleaved, N-Term
Reactivity:	Arabidopsis thaliana
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta-Amylase 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The mature length protein of Arabidopsis thaliana BAM1 overexpressed in E.coli, UniProt:Q9LIR6, TAIR: AT3G23920., lacking the transit peptide that is cleaved upon entry to the chloroplast. Recombinant protein had an N-terminal S-tag.
Cross-Reactivity (Details):	Not reactive in: no confirmed exceptions from predicted reactivity known in the moment
Predicted Reactivity:	Beta vulgaris, Brassica napus, Brassica oleracea, Brassica rapa. , Camellia sinensis, Cajanus cajan, Capsella rubella, Citrus clementina, Citrus sinensis, Coffea canephora, Cucumis sativus, Cynara cardunculus var. scolymus, Daucus carota subsp. sativus, Eucalyptus grandis, Eutrema salsugineum, Glycine max, Gossypium arboreum, Jatropha curcas, Nicotiana tabacum, Phaseolus vulgaris, Poncirus trifoliata, Populus trichocarpa, Prunus persica, Ricinus communis, Solanum lycopersicum, Solanum tuberosum, Spinacia oleracea, Theobroma cacao, Vitis vinifera

Target Details

Target:	beta-Amylase 1 (BAM1)
Alternative Name:	Beta amylase 1 (chloroplastic) (BAM1)
Background:	Beta amylase (EC 3.2.1.2) is an enzyme involved in the hydrolysis fo starch into sugars. Can play a minor role in the starch degradation and maltose metabolism in chloroplasts during the night.
Molecular Weight:	63.7 60.9 kDa
UniProt:	Q9LIR6

Application Details

Application Notes:	1:7500 with ECL (WB)
Comment:	Antibody is recognizing recombinant BAM1 protein of Arabidopsis thaliana.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL of sterile water.
Storage Comment:	Store lyophilized/reconstituted at -20°C, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.