

product **AS09 380**
Beta-amylase, Biotin conjugated

product information

background	Beta amylase (EC 3.2.1.2.) catalyzes the hydrolysis of the second alfa-1,4 glycosidic bond. Alternative names 1,4-alfa-D-glucan maltohydrolase, glycogenase,saccharogen. amylase).
immunogen	Beta amylase isolated and purified from sweet potato Q94EU9
antibody format	rabbit polyclonal purified IgG at 10 mg/ml in PBS labelled with biotin , lyophilized
quantity	1 ml for reconstitution please add 1 ml of sterile distilled water.
storage	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.
tested applications	western blot (WB), ELISA (ELISA),immunofluorescence (IF), immunohistochemistry (IHC)
additional information	biotin/IgG protein molar ratio (B/P) is approximately 6.6. No foreign proteins are added. Marker used for labelling is N-hydroxysuccinimidobiotin.

application information

recommended dilution	1: 1000 to 1: 4000 for techniques listed above
expected apparent MW	60 kDa
confirmed reactivity	<i>Solanum tuberosum</i>
predicted reactivity	dicots including: <i>Arabidopsis thaliana</i> , <i>Glycine max</i> , <i>Ricinus communis</i> , <i>Vitis vinifera</i> , trees: <i>Populus trichocarpa</i> , <i>Physcomitrella patens</i>
not reactive in	n.a.
additional information	antibody potency and purity has been evaluated by immunoelectrophoresis, single radial immunodiffusion (Ouchterlony), ELISA,immunoblotting and enzyme inhibition.
selected references	not available at the moment