

product **AS05 080**

Xet | xyloglucan endotransglucosylase

product information

background	Xyloglucan endotransglucosylases (Xet) are a class of enzymes capable of catalyzing the molecular grafting between xyloglucans and/or the endotype hydrolysis of a xyloglucan molecule in plant cell wall.
immunogen	recombinant Xet protein derived from <i>Populus tremula x tremuloides</i> sequence A2TEJ3
antibody format	rabbit polyclonal serum, lyophilized
quantity	200 µl, for reconstitution add 200 µl, of sterile 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), immunohistochemistry (IHC)
additional information	No signal was so far obtained with this antibody using a transmission electron microscopy.

application information

recommended dilution	1: 1000 with standard ECL (WB), 1:10 (IHC)
expected apparent MW	31.9 kDa
confirmed reactivity	<i>Populus tremula x Populus tremuloides</i>
predicted reactivity	dicots including <i>Arabidopsis thaliana</i> , <i>Asparagus officinalis</i> , <i>Cucumis melo</i> , <i>Cucumis sativum</i> , <i>Malus sylvestris</i> , <i>Solanum lycopersicum</i>
not reactive in	no confirmed exceptions from predicted reactivity known at the moment
additional information	to be added when available
selected references	Bourquin et al. (2002). Xyloglucan endotransglycosylases have a function during the formation of secondary cell walls of vascular tissues. Plant Cell 14: 3073-3088.