Agrisera
Part of Olink® Group

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 AS16 3951

HRP | Horseradish peroxidase

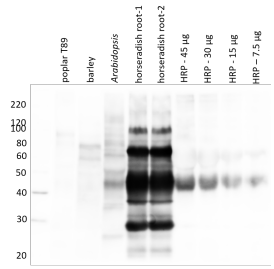
Product information

Immunogen	Native peroxidase isolated and purified from horseradish,
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
Reconstitution	For reconstitution add 50 µl of sterile destilled water
Storage	Store lyophilized/reconstituted 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 : 1000-1 : 5000 (WB)
Expected | apparent MW	38,6 kDa
Confirmed reactivity	*Armoracia rusticana, Arabidopsis thaliana, Caenorhabditis elegans*
Predicted reactivity	Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known

Application example



Proteins were isolated from poplar T89, barley, *Arabidopsis thaliana,* horseradish root mutants were solubilized with 3X LB (6 M urea, 12% SDS, 30% glycerol, 100 mM DTT, 150 mM Tris pH7.0, 0.8% Comassie G-250). 45 µg of total proteins and 45-7.5 µg of HRP were loaded into each lane and separated on 12% SDS-PAGE, and then blotted overnight onto PVDF membrane. Membranes were blocked with milk powder for 2 h and then incubated in the primary antibody solution overnight, which was then decanted and the membrane was washed 3 times for 5 min in TBST. Membrane was incubated at RT for 1 hour in 1:10 000 goat anti-Rabbit secondary antibody AS09 602, followed by washing steps as above. Membrane was developed for 2 min with chemiluminescent detection reagent according to the manufacturer's instructions and recorded using FujiFilm CCD camera with 10 s increment time for around 100 s.