Agrisera
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Product no AS99 001

Anti-KLH | Keyhole limpet hemocyanin

Product information

Immunogen	Purified keyhole limpet hemocyanin (KLH), whole molecule,
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 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 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.
Additional information	Protein present in plant vascular tissue (xylem and vascular cambium) is detected by anti-KLH antibodies (Höglund et al. 2002) which might lead to false results in IL when using anti-peptide antibodies generated to KLH-conjugated peptide.

Application information

Recommended dilution	1: 10 000 (ELISA), 1: 10 000 (WB), 1: 1000 (IL)
Expected | apparent MW	ca. 400 kDa/subunit
Confirmed reactivity	*Megathura crenulata* - most commonly used carrier protein
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Antibody can be used as a negative control to determine if observed signal is generated by anti-KLH or anti-peptide antibodies, Due to its large size KLH protein will be very difficult to separate on SDS-PAGE
Selected references	Geadkaew et al. (2014). Bi-functionality of Opisthorchis viverrini aquaporins. doi:10.1016/j.biochi.2014.11.013. Höglund et al. (2002). An Antigen Expressed During Plant Vascular Development Crossreacts with Antibodies Towards KLH (Keyhole Limpet Hemocyanin). J of Histochem & Cytochem. 50:999-1003.