Agrisera
Part of Thermo Fisher Scientific

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 AS99 001-ALP

Anti-KLH | Keyhole limpet hemocyanin, ALP-conjugated (40 µg)

Product information

Immunogen	Purified keyhole limpet hemocyanin (KLH), whole molecule.
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4, conjugated to ALP.
Format	Liquid
Quantity	40 µg
Storage	Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.
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. Further information about it can be found here.

Application information

Recommended dilution	1 : 5 000 (ELISA), 1 : 1000 (IL), 1 : 5 000 (WB)
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. Optimal working dilution has to be determined by end user.