

Product no **AS99 001-ALP**

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

**Product information**

<b>Immunogen</b>	Purified keyhole limpet hemocyanin ( <a href="#">KLH</a> ), whole molecule.
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum in PBS pH 7.4, conjugated to ALP.
<b>Format</b>	Liquid
<b>Quantity</b>	40 µg
<b>Storage</b>	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**

<b>Recommended dilution</b>	1 : 5 000 (ELISA), 1 : 1000 (IL), 1 : 5 000 (WB)
<b>Expected   apparent MW</b>	ca. 400 kDa/subunit
<b>Confirmed reactivity</b>	<i>Megathura crenulata</i> - most commonly used carrier protein
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	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.