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**Product no** AS99 001-ALP

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

## Product information

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| **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

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| **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.<br><br>Optimal working dilution has to be determined by end user. |