

Product datasheet

Anti-BCA1 antibody (Biotin) ab83151

Overview

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| Product name | Anti-BCA1 antibody (Biotin) |
| Description | Rabbit polyclonal to BCA1 (Biotin) |
| Host species | Rabbit |
| Conjugation | Biotin |
| Tested applications | Suitable for: Sandwich ELISA, WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Highly pure (>98%) recombinant human BCA1 |

Properties

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| Form | Lyophilised:Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| Storage buffer | Preservative: None Constituents: PBS, pH 7.2 |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab83151** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|----------------|-----------|-------|
| Sandwich ELISA | | |
| WB | | |

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| Application notes | ELISA: Use at a concentration of 0.25 - 1 µg/ml. Allows the detection of at least 0.2 - 0.4 ng/well of recombinant human BCA1. |
|--------------------------|--|

sELISA: Use at a concentration of 0.25 - 1 µg/ml. Allows the detection of at least 0.2 - 0.4 ng/well of recombinant human BCA1.

WB: Use at a concentration of 0.1 - 0.2 µg/ml. The detection limit for recombinant human BCA1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Predicted molecular weight: 13 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

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| Function | Chemotactic for B-lymphocytes but not for T-lymphocytes, monocytes and neutrophils. Does not induce calcium release in B-lymphocytes. Binds to BLR1/CXCR5. |
| Tissue specificity | Highest levels in liver, followed by spleen, lymph node, appendix and stomach. Low levels in salivary gland, mammary gland and fetal spleen. |
| Sequence similarities | Belongs to the intercrine alpha (chemokine CxC) family. |
| Cellular localization | Secreted. |

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