

## Product datasheet

# Anti-BCA1 antibody (Biotin) ab83151

### Overview

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

### Properties

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

<b>Application notes</b>	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.
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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.

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## Target

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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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