

## Datasheet: VPA00139KT

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| <b>Description:</b>  | BAP31 ANTIBODY WITH CONTROL LYSATE |
| <b>Specificity:</b>  | BAP31                              |
| <b>Format:</b>       | Purified                           |
| <b>Product Type:</b> | PrecisionAb Polyclonal             |
| <b>Isotype:</b>      | Polyclonal IgG                     |
| <b>Quantity:</b>     | 2 Westerns                         |

### Product Details

#### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                  | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪   |    |                | 1/1000             |

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

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| <b>Target Species</b>           | Human   |
| <b>Product Form</b>             | Purified IgG - liquid   |
| <b>Preparation</b>              | 20µl Goat polyclonal antibody purified by affinity chromatography                       |
| <b>Buffer Solution</b>          | TRIS buffered saline  |
| <b>Preservative Stabilisers</b> | 0.02% Sodium Azide (NaN <sub>3</sub> ) 0.5 % BSA  |
| <b>Immunogen</b>                | Peptide with the sequence C-QAAVDGPMDKKEE, from the C Terminus of the protein sequence. |

#### External Database Links

**UniProt:**

[P51572](#)

[Related reagents](#)

**Entrez Gene:**

[10134](#) BCAP31 [Related reagents](#)

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| <b>Synonyms</b> | BAP31, DXS1357E |
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| <b>Specificity</b> | <p><b>Goat anti Human BAP31 antibody</b> recognizes the B-cell receptor-associated protein 31 (BAP31), also known as BCR-associated protein 31, BCAP31, 6C6-AG tumor-associated antigen, protein CDM or p28.</p> <p>BAP31 is a member of the B-cell receptor associated protein 31 superfamily. The encoded protein is a multi-pass transmembrane protein of the endoplasmic reticulum that is involved in the anterograde transport of membrane proteins from the endoplasmic reticulum to the Golgi and in caspase 8-mediated apoptosis. Microdeletions in the BAP31 gene are associated with contiguous ABCD1/DXS1375E deletion syndrome (CADD5), a neonatal disorder. Alternative splicing of BAP31 results in multiple transcript variants. Two related pseudogenes have been identified on chromosome 16. (provided by RefSeq, Jan 2012).</p> <p>Goat anti Human BAP31 antibody detects a band of 28 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p> |
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| <b>Western Blotting</b> | Anti BAP31 detects a band of approximately 28 kDa in MCF7 cell lysates. |
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| <b>Instructions For Use</b> | Please refer to the <a href="#">PrecisionAb western blotting protocol</a> . For additional information on secondary antibody dilution and exposure time see product web page. |
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| <b>Lysate Composition</b> | 400µg MCF7 lysate lyophilized in RIPA buffer. |
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| <b>Lysate Reconstitution</b> | <p>- If using DDT reconstitute the lyophilized lysate with 190µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.</p> <p>- If using BME reconstitute the lyophilized lysate with 180µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.</p> <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p> |
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| <b>Storage</b> | <p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p> |
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| <b>Guarantee</b> | As supplied, 12 months from date of despatch. |
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| <b>Acknowledgements</b> | PrecisionAb™ is a trademark of Bio-Rad Laboratories. |
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| <b>Health And Safety Information</b> | <p>Material Safety Datasheet documentation #10058 #10561 available at:</p> <p>Antibody (10058): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf</a></p> <p>Lysate Material (10561): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf</a></p> |
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## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

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Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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Look out for updates on how to access your digital version at [bio-rad-antibodies.com](http://bio-rad-antibodies.com)

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