**Datasheet: VPA00104K**

**Description:** YAP1 ANTIBODY WITH CONTROL LYSATE

**Specificity:** YAP1

**Format:** Purified

**Product Type:** PrecisionAb™ Polyclonal

**Isotype:** Polyclonal IgG

**Quantity:** 10 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).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western Blotting</td>
<td>✓</td>
<td></td>
<td></td>
<td>1/1000</td>
</tr>
</tbody>
</table>

**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.

**Target Species**

Human

**Species Cross Reactivity**

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species.

**Product Form**

Purified IgG - liquid

**Preparation**

100μl Goat polyclonal antibody purified by affinity chromatography

**Buffer Solution**

TRIS buffered saline

**Preservative Stabilisers**

0.02% Sodium Azide (NaN₃) 0.5 % BSA

**Immunogen**

Peptide with the sequence PQDTVCDLIQSK, from the internal of the protein.

**External Database Links**

**UniProt:**

P46937  [Related reagents](http://www.bio-rad-antibodies.com/related-reagents)

**Entrez Gene:**

10413  YAP1  [Related reagents](http://www.bio-rad-antibodies.com/related-reagents)

**Synonyms**

YAP65
**Specificity**

Goat anti Human YAP1 antibody recognizes the yorkie homolog, also known as 65 kDa yes-associated protein or YAP65.

YAP1 encodes a downstream nuclear effector of the Hippo signaling pathway which is involved in development, growth, repair, and homeostasis. YAP1 is known to play a role in the development and progression of multiple cancers as a transcriptional regulator of this signaling pathway and may function as a potential target for cancer treatment. Alternative splicing results in multiple transcript variants encoding different isoforms (provided by RefSeq, Aug 2013).

Goat anti Human YAP1 antibody detects a band of 83 kDa. The antibody has been extensively validated for western blotting using whole cell lysates. This antibody is available with a positive control lysate, in a smaller trial size, and as a standalone antibody.

**Western Blotting**

Anti YAP1 detects a band of approximately 83 kDa in A549 cell lysates.

**Instructions For Use**

Please refer to the PrecisionAb western blotting protocol. For additional information on secondary antibody dilution and exposure time see product web page.

**Lysate Composition**

400μg A549 lysate lyophilized in RIPA buffer.

**Lysate Reconstitution**

- If using DDT reconstitute the lyophilized lysate with 190μl DI H₂O, add 200μl 2x Laemmli Sample Buffer and 10μl 2M DTT.
- If using BME reconstitute the lyophilized lysate with 180μl DI H₂O, add 200μl 2x Laemmli Sample Buffer and 20μl BME.

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.

**Storage**

Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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.

**Shelf Life**

As supplied, 12 months from date of despatch.

**Acknowledgements**

PrecisionAb™ is a trademark of Bio-Rad Laboratories.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

Donkey Anti Sheep IgG (STAR88...) [HRP](https://www.bio-rad-antibodies.com/products/donkey-anti-sheep-igg-star88-hrp)