

Datasheet: VPA00104KT

Description:	YAP1 ANTIBODY WITH CONTROL LYSATE
Specificity:	YAP1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

20µl 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 Entrez Gene: 10413 YAP1 Related reagents
Synonyms	YAP65
Specificity	<p>Goat anti Human YAP1 antibody recognizes the yorkie homolog, also known as 65 kDa yes-associated protein or YAP65.</p> <p>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).</p> <p>Goat anti Human YAP1 antibody detects a band of 83 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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	<ul style="list-style-type: none"> - 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	<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>
Guarantee	As supplied, 12 months from date of despatch.
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10058 #10561 available at: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.pdf

Related Products

Recommended Secondary Antibodies

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

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