

## Datasheet: VPA00051KT

<b>Description:</b>	TRAF2 ANTIBODY WITH CONTROL LYSATE
<b>Specificity:</b>	TRAF2
<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.

#### 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 (NaN<sub>3</sub>)  
0.5% Bovine Serum Albumin

#### Immunogen

Synthetic peptide sequence C-KMEAKNSYVRDD from the C-terminal region of TRAF2.

<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q12933</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">7186</a>    TRAF2    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	TRAP3
<b>Specificity</b>	<p><b>Goat anti Human TRAF2 antibody</b> recognizes human tumor necrosis factor (TNF) receptor associated factor 2 (TRAF2), a member of the TNF receptor associated factor (TRAF) protein family. TRAF2 is an adapter protein and signal transducer, which acts downstream of the TNF receptor. TRAF2 directly binds with TNF receptors and other TRAF proteins, and is essential for TNF alpha mediated activation of MAPK8/JNK and NF-kappaB. TRAF2 plays a role in apoptosis, through the formation of a heterodimeric complex with TRAF1, and interaction with the IAP family members cIAP1 and cIAP2, functioning as a mediator of the anti-apoptotic signals from TNF receptors.</p> <p>Goat anti Human TRAF2 recognizes TRAF2 as a band of 46 kDa in a range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.</p>
<b>Western Blotting</b>	Goat anti TRAF2 detects a band of approximately 46 kDa HEK293 cell lysates.
<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.
<b>Lysate Composition</b>	400µg HEK293 lysate lyophilized in RIPA buffer.
<b>Lysate Reconstitution</b>	<ul style="list-style-type: none"> <li>- 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.</li> <li>- If using BME reconstitute the lyophilized lysate with 180µl DI H<sub>2</sub>O, add 200µl 2x Laemmli Sample Buffer and 20µl BME.</li> </ul> <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>
<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>
<b>Guarantee</b>	As supplied, 12 months from date of despatch.
<b>Acknowledgements</b>	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10058 #10561 available at:          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>          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>

## Related Products

### Recommended Secondary Antibodies

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

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From March 15, 2021, we will no longer supply printed datasheets with our products.  
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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