

## Datasheet: AHP1661

**BATCH NUMBER 200812**

<b>Description:</b>	RABBIT ANTI TL1A (N-TERMINAL)
<b>Specificity:</b>	TL1A (N-TERMINAL)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

### 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	▪			0.5 - 1.0ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

#### 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

#### Antiserum Preparation

Antiserum to TL1A (NT) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by immunoaffinity chromatography.

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.02% Sodium Azide (NaN<sub>3</sub>)

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	A peptide corresponding to 14 amino acids near the amino terminus of human TL1A.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">O95150</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">9966</a>    TNFSF15    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	TL1, VEGI
<b>RRID</b>	AB_2206983
<b>Specificity</b>	<p><b>Rabbit anti TL1A (N-Terminal) antibody</b> recognizes the amino Terminal of human TL1A, also known as tumour necrosis factor ligand superfamily member 15 (TNFSF15). TL1A acts as a co-stimulator of IFN-gamma secretion through binding to DR3 (death domain receptor 3 or TRAMP) and may play an important role in Th1-mediated diseases such as Crohn's disease. In cells expressing DR3, TL1A induces NF-kappa-B activation and apoptosis. Decoy receptor 3 (DcR3) is also a receptor for TL1A. DcR3 can apparently neutralise the effect of TL1A, by inhibiting the TL1A-DR3 interaction, thereby inhibiting apoptosis. TL1A is specifically expressed on endothelial cells and is detected on monocytes, placenta, lung, liver, kidney, skeletal muscle, pancreas, spleen, prostate, small intestine and colon.</p>
<b>Western Blotting</b>	AHP1661 detects a band of approximately 27kDa in PC-3 cell lysates
<b>Further Reading</b>	<ol style="list-style-type: none"> <li>1. Wen, L. <i>et al.</i> (2003) TL1A-induced NF-kappaB activation and c-IAP2 production prevent DR3-mediated apoptosis in TF-1 cells. <a href="#">J Biol Chem. 278 (40): 39251-8.</a></li> <li>2. Bamias, G. <i>et al.</i> (2003) Expression, localization, and functional activity of TL1A, a novel Th1-polarizing cytokine in inflammatory bowel disease. <a href="#">J Immunol. 171 (9): 4868-74.</a></li> <li>3. Yang, C.R. <i>et al.</i> (2004) Soluble decoy receptor 3 induces angiogenesis by neutralization of TL1A, a cytokine belonging to tumor necrosis factor superfamily and exhibiting angiostatic action. <a href="#">Cancer Res. 64 (3): 1122-9.</a></li> </ol>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

**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

Fax: +49 (0) 89 8090 95 50

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

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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