

Datasheet: AHP1661

Description:	RABBIT ANTI TL1A (N-TERMINAL)
Specificity:	TL1A (N-TERMINAL)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

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 (NaN₃)

Approx. Protein Concentrations

IgG concentration 1.0mg/ml

Immunogen

A peptide corresponding to 14 amino acids near the amino terminus of human TL1A.

External Database Links

UniProt:

[O95150](#) [Related reagents](#)

Entrez Gene:

[9966](#) TNFSF15 [Related reagents](#)

Synonyms	TL1, VEGI
Specificity	Rabbit anti TL1A (N-Terminal) antibody 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.
Western Blotting	AHP1661 detects a band of approximately 27kDa in PC-3 cell lysates
Further Reading	<ol style="list-style-type: none"> 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. J Biol Chem. 278 (40): 39251-8. 2. Bamias, G. <i>et al.</i> (2003) Expression, localization, and functional activity of TL1A, a novel Th1-polarizing cytokine in inflammatory bowel disease. J Immunol. 171 (9): 4868-74. 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. Cancer Res. 64 (3): 1122-9.
Storage	<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>
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight@488 , DyLight@549 , DyLight@649 , DyLight@680 , DyLight@800

Recommended Useful Reagents

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

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'M294658:161006'

Printed on 02 May 2018
