Datasheet for 200-401-H25

# TL1A Antibody

## Overview

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| **Description:** | Anti-TL1A (RABBIT) Antibody - 200-401-H25 |
| **Item No.:** | 200-401-H25 |
| **Size:** | 100 µg |
| **Applications:** | ELISA, WB |
| **Reactivity:** | Human, Mouse, Rat |
| **Host Species:** | Rabbit |

## Product Details

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| **Background:** | TL1A antibody detects human TL1A. Members in the TNF and its receptor superfamilies regulate immune responses and induce apoptosis. DR3 (also termed Wsl-1, Apo-3, TRAMP, and LARD) is preferentially expressed by T lymphocytes and upregulated during T cell activation. The ligand for DR3 was recently identified and designated TL1A. TL1A also binds decoy receptor DcR3/TR6, which is expressed in several lung and colon carcinomas and in some normal tissues. TL1A induces apoptosis and NF-kappaB activation in DR3 expressing cells, which is antagonized by DcR3. TL1A is upregulated by proinflammatory cytokines TNF and IL-1. TL1A is a longer variant of TL1 (also called VEGI). Anti-TL1A antibodies are ideal for investigators involved in apoptosis, NFkappaB, cytokines and growth factors research. |
| **Synonyms:** | TL1, VEGI |
| **Host Species:** | Rabbit |
| **Clonality:** | Polyclonal |
| **Format:** | IgG |

## Target Details

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| **Gene Name:** | TNFSF15 |
| **Reactivity:** | Human, Mouse, Rat |
| **Immunogen Type:** | Conjugated Peptide |
| **Immunogen:** | TL1A Antibody was produced from whole rabbit serum prepared by repeated immunizations with a peptide corresponding to amino acids near the n-terminus of human TL1A. |

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| **Purity/Specificity:** | Anti-TL1A Antibody is DEAE purified. A BLAST analysis was used to suggest cross-reactivity with TL1A with Human, Mouse and Rat based on 100% homology with the immunizing sequence. Cross-reactivity with TL1A from other sources has not been determined. This polyclonal antibody will not react with TL1. |
| **Relevant Links:** | • NCBI - AAM77366<br>• UniProtKB - O95150<br>• GeneID - 9966 |

## Application Details

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| **Tested Applications:** | ELISA, WB |
| **Application Note:** | Anti-TL1A Antibody is tested for use in E and WB. Expect a band approximately ~28.0 kDa on specific lysates. Specific conditions for reactivity should be optimized by the end user. |
| **Assay Dilutions:** | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below. |
| **WB:** | 0.5-2 ug/mL |

## Formulation

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| **Physical State:** | Liquid (sterile filtered) |
| **Concentration:** | 1.0 mg/mL by UV absorbance at 280 nm |
| **Buffer:** | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| **Preservative:** | 0.02% (w/v) Sodium Azide |
| **Stabilizer:** | None |

## Shipping & Handling

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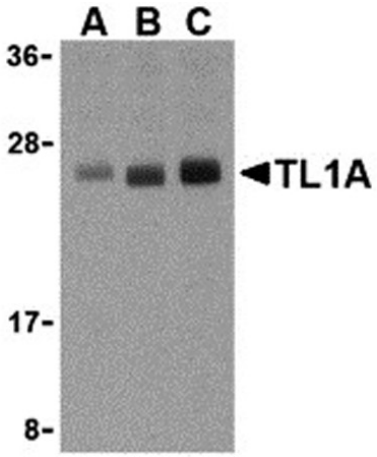
| **Shipping Condition:** | Dry Ice |
| **Storage Condition:** | Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| **Expiration:** | Expiration date is one (1) year from date of receipt. |

## Images




**Western Blot**
Western blot analysis of TL1A.
Load: PC-3 cell lysates.
Primary Antibody: Anti-TL1A antibody at (A) 0.5µg/mL, (B) 1µg/mL, and (C) 2µg/mL.

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.