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# TNFSF15 / TL1A / VEGI Antibody (N-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS12254

## Product Information

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| **Application** | WB, IHC-P, E |
| **Primary Accession** | O95150 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 28087 |
| **Dilution** | IHC-P (5 g/ml), WB (0.5-1 g/ml), |
| **Concentration (mg/ml)** | 1 mg/ml |

## Additional Information

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| **Gene ID** | 9966 |
| **Other Names** | Tumor necrosis factor ligand superfamily member 15, TNF ligand-related molecule 1, Vascular endothelial cell growth inhibitor, Tumor necrosis factor ligand superfamily member 15, membrane form, Tumor necrosis factor ligand superfamily member 15, secreted form, TNFSF15, TL1, VEGI |
| **Target/Specificity** | Peptide corresponding to 14 amino acids near the N-terminus of human TL1A, specific to isoform 1 of O95150, also known as VEGI-251. |
| **Reconstitution & Storage** | Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted. |
| **Precautions** | TNFSF15 / TL1A / VEGI Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | TNFSF15 |
| **Synonyms** | TL1, TL1A {ECO:0000303\|PubMed:21300286}, |
| **Function** | Cytokine that signals through TNFRSF25 receptor (PubMed: 11911831). Functions as a T-cell costimulator, that increases IL-2 responsiveness and secretion of proinflammatory cytokines which enhances T-cell activation, proliferation and the survival of activated T-cells (PubMed:10597252, PubMed:11911831). Inhibits vascular endothelial growth and angiogenesis (in vitro) (PubMed:11923219, PubMed:9872942). Binds to the decoy receptor TNFRSF6B, blocking the activation normally triggered by TNFSF15 and leading to decreased T- cell activation and reduced inflammation (PubMed:21300286). |

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| **Cellular Location** | Membrane; Single-pass type II membrane protein |
| **Tissue Location** | Specifically expressed in endothelial cells. Detected in monocytes, placenta, lung, liver, kidney, skeletal muscle, pancreas, spleen, prostate, small intestine and colon |
| **Volume** | Array |

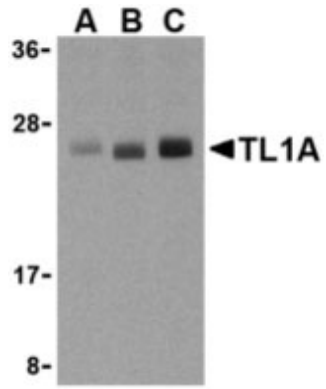
## Background

Receptor for TNFRSF25 and TNFRSF6B. Mediates activation of NF-kappa-B. Inhibits vascular endothelial growth and angiogenesis (in vitro). Promotes activation of caspases and apoptosis.

## References


Zhai Y.,et al.FASEB J. 13:181-189(1999).
Chew L.-J.,et al.FASEB J. 16:742-744(2002).
Migone T.-S.,et al.Immunity 16:479-492(2002).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).


## Images




Western blot of TL1A in PC-3 cell lysates with TL1A antibody at (A) 0.5, (B) 1, and (C) 2 ug/ml.


Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.