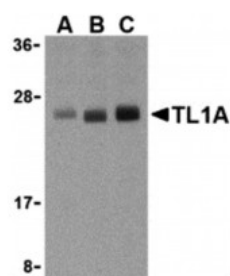




TL1A Antibody

CATALOG NUMBER: 3109



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

Specifications

| | |
|------------------------------------|--|
| SPECIES REACTIVITY: | Mouse, Rat |
| TESTED APPLICATIONS: | WB |
| APPLICATIONS: | TL1A antibody can be used for detection of TL1A by Western blot at 0.5 to 2 ug/mL. |
| USER NOTE: | Optimal dilutions for each application to be determined by the researcher. |
| POSITIVE CONTROL: | 1) Cat. No. 1216 - PC-3 Cell Lysate |
| PREDICTED MOLECULAR WEIGHT: | Predicted: 28 kDa Observed: 26 kDa |
| SPECIFICITY: | This polyclonal antibody will not cross-react with TL1. |
| IMMUNOGEN: | TL1A antibody was raised against a peptide corresponding to 14 amino acids near the amino terminus of human TL1A. The immunogen is located within amino acids 60 - 110 of TL1A. |
| HOST SPECIES: | Rabbit |

Properties

| | |
|----------------------------|--|
| PURIFICATION: | TL1A Antibody is affinity chromatography purified via peptide column. |
| PHYSICAL STATE: | Liquid |
| BUFFER: | TL1A Antibody is supplied in PBS containing 0.02% sodium azide. |
| CONCENTRATION: | 1 mg/mL |
| STORAGE CONDITIONS: | TL1A antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| CLONALITY: | Polyclonal |
| ISOTYPE: | IgG |
| CONJUGATE: | Unconjugated |

Additional Info

| | |
|-------------------------|--|
| ALTERNATE NAMES: | TL1A Antibody: TL1, TL1A, VEGI, VEGI192A, TL1, Tumor necrosis factor ligand superfamily member 15, TNF ligand-related molecule 1 |
| ACCESSION NO.: | AAM77366 |
| PROTEIN GI NO.: | 21745392 |
| OFFICIAL SYMBOL: | TNFSF15 |
| GENE ID: | 9966 |

Background

| | |
|--------------------|---|
| BACKGROUND: | TL1A Antibody: 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- κ B 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). |
| REFERENCES: | 1) Chinnayan AM, O'Rourke K, Yu GL, et al. Signal transduction by DR3, a death domain-containing receptor related to TNFR-1 and CD95. <i>Science</i> 1996; 274:990-2. |
| | 2) Kitson J, Raven T, Jiang YP, et al. A death-domain-containing receptor that mediates apoptosis. <i>Nature</i> 1996; 384:372-5. |
| | 3) Screaton GR, Xu XN, Olsen AL, et al. LARD: a new lymphoid-specific death domain containing receptor regulated by pre-mRNA splicing. <i>Proc. Natl. Acad. Sci. USA</i> 1997; 94:4615-9. |
| | 4) Bodmer JL, Burns K, Schneider P. TRAMP, a novel apoptosis-mediating receptor with sequence homology to tumor necrosis factor receptor 1 and Fas (Apo-1/CD95). <i>Immunity</i> 1997; 6:79-88. |

FOR RESEARCH USE ONLY

December 12, 2016