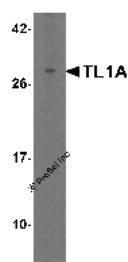




TL1A Antibody

CATALOG NUMBER: 3789



Western blot analysis of TL1A in human placenta tissue lysate with TL1A antibody at 2 ug/mL.

Specifications

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|------------------------------------|---|
| SPECIES REACTIVITY: | Human, Mouse |
| TESTED APPLICATIONS: | ELISA, WB |
| APPLICATIONS: | TL1A antibody can be used for detection of TL1A by Western blot at 2 ug/mL. |
| USER NOTE: | Optimal dilutions for each application to be determined by the researcher. |
| POSITIVE CONTROL: | 1) Cat. No. 1309 – Human Placenta Tissue Lysate |
| PREDICTED MOLECULAR WEIGHT: | Predicted: 28 kDa Observed: 30 kDa |
| SPECIFICITY: | TL1A will not cross-react with TL1. |
| IMMUNOGEN: | TL1A antibody was raised against recombinant human TL1A. |
| HOST SPECIES: | Rabbit |

Properties

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| PURIFICATION: | TL1A Antibody is Antibody is DEAE purified. |
| 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

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| ALTERNATE NAMES: | TL1A Antibody: TL1, TL1A, VEGI, VEGI192A, TL1, Tumor necrosis factor ligand superfamily member 15, TNF |
|-------------------------|--|

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|------------------|----------|
| 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. *Science* 1996; 274:990-2.
- 2) Kitson J, Raven T, Jiang YP, et al. A death-domain-containing receptor that mediates apoptosis. *Nature* 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. *Proc. Natl. Acad. Sci. USA* 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). *Immunity* 1997; 6:79-88.

FOR RESEARCH USE ONLY

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