

产品名称: TNF-R2 Rabbit Polyclonal Antibody  
产品货号: APRab19093



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | TNF-R2 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody        |
| 宿主 (Host)              | Rabbit                            |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA               |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                   |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | TNFRSF1B<br>TNFRSF1B; TNFR; TNFR2; Tumor necrosis factor receptor superfamily member 1B; Tumor necrosis factor receptor 2; TNF-R2; Tumor necrosis factor receptor type II; TNF-RII; TNFR-II; p75; p80 TNF-alpha receptor; CD antigen CD120b; Etanercept |
| 别名 (Alternative Names) |                                                                                                                                                                                                                                                         |
| 基因 ID (Gene ID)        | 7133.0                                                                                                                                                                                                                                                  |
| 蛋白 ID (SwissProt ID)   | P20333.The antiserum was produced against synthesized peptide derived from human TNF Receptor II. AA range:376-425                                                                                                                                      |

## 产品应用 (Application)

|                      |                                                                           |
|----------------------|---------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio) | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000 |
|----------------------|---------------------------------------------------------------------------|

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**蛋白分子量 (Molecular Weight)** 48kDa

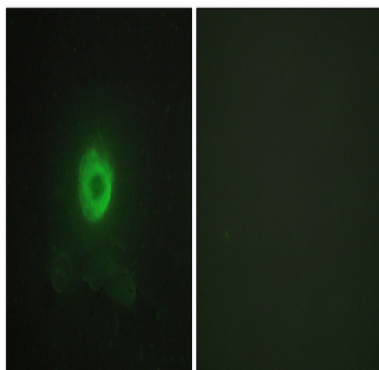
## 研究背景 (Background)

The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways. [provided by RefSeq, Jul 2008],function:Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity.,online information:Clinical information on Enbrel,pharmaceutical:Available under the name Enbrel (Immunex and Wyeth-Ayerst). Used to treat moderate to severe rheumatoid arthritis (RA). Enbrel consist of the extracellular ligand-binding portion of TNFRSF1B linked to an immunoglobulin Fc chain. It binds to TNF-alpha and blocks its interactions with receptors.,PTM:A soluble form (tumor necrosis factor binding protein 2) is produced from the membrane form by proteolytic processing.,PTM:Phosphorylated; mainly on serine residues and with a very low level on threonine residues.,similarity:Contains 4 TNFR-Cys repeats.,subunit:Binds to TRAF2.,

## 研究领域 (Research Area)

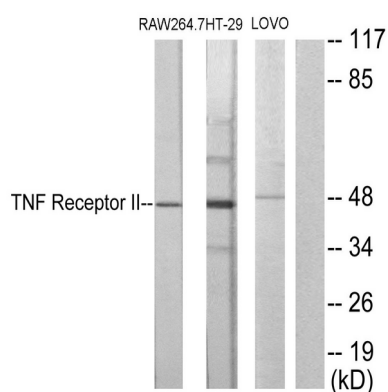
Cytokine-cytokine receptor interaction;Adipocytokine;Amyotrophic lateral sclerosis (ALS);

## 图片 (Image Data)

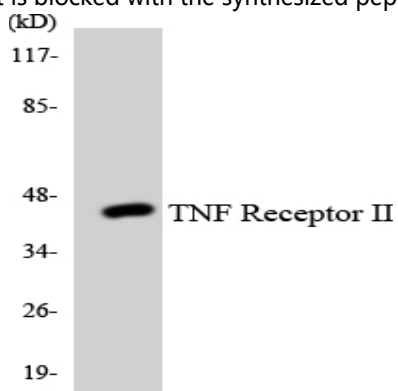


Immunofluorescence analysis of HeLa cells, using TNF Receptor II Antibody. The picture on the right is blocked with the synthesized peptide.

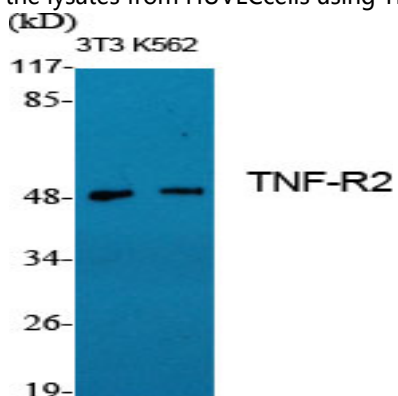
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Western blot analysis of lysates from RAW264.7, HT-29, and LOVO cells, using TNF Receptor II Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using TNF Receptor II antibody.



Western Blot analysis of various cells using TNF-R2 Polyclonal Antibody diluted at 1: 1000. Secondary antibody was diluted at 1:20000

## 注意事项 (Note)

For research use only .