



Rabbit Anti-TRAIL antibody

SL1214R

Product Name:	TRAIL
Chinese Name:	Tumour坏死因子相关凋亡诱导配体抗体
Alias:	APO2L; TNFSF10; Apo 2 ligand; Apo 2L; CD 253; CD253; CD253 antigen; Protein TRAIL; TL 2; TL2; TNF Related Apoptosis Inducing Ligand; TNF related apoptosis inducing ligand TRAIL; TNFSF 10; TNFSF10 protein; TRAIL; TRAIL PEN; Tumor Necrosis Factor (ligand) Superfamily Member 10; TNF10_HUMAN.
文献引用 PubMed :	Specific References(1) SL1214R has been referenced in 1 publications. [IF=3.53] Fang C, Zhang J, Qi D, Fan X, Luo J, et al. (2014) Evodiamine Induces G2/M Arrest and Apoptosis via Mitochondrial and Endoplasmic Reticulum Pathways in H446 and H1688 Human Small-Cell Lung Cancer Cells. PLoS ONE 9(12): e115204. WB;Human. PubMed:25506932
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	31kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human TRAIL:185-281/281
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3.(tumor necrosis factor-related apoptosis-inducing ligand)</p> <p>Function: Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG. Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis.</p> <p>Subunit: Homotrimer.</p> <p>Subcellular Location: Membrane; Single-pass type II membrane protein (Potential).</p> <p>Tissue Specificity: Widespread; most predominant in spleen, lung and prostate.</p> <p>Similarity: Belongs to the tumor necrosis factor family.</p> <p>SWISS: P50591</p> <p>Gene ID: 8743</p> <p>Database links: Entrez Gene: 8743Human</p>

[Entrez Gene: 22035](#)Mouse

[Entrez Gene: 246775](#)Rat

[Omim: 603598](#)Human

[SwissProt: P50591](#)Human

[SwissProt: P50592](#)Mouse

[Unigene: 478275](#)Human

[Unigene: 1062](#)Mouse

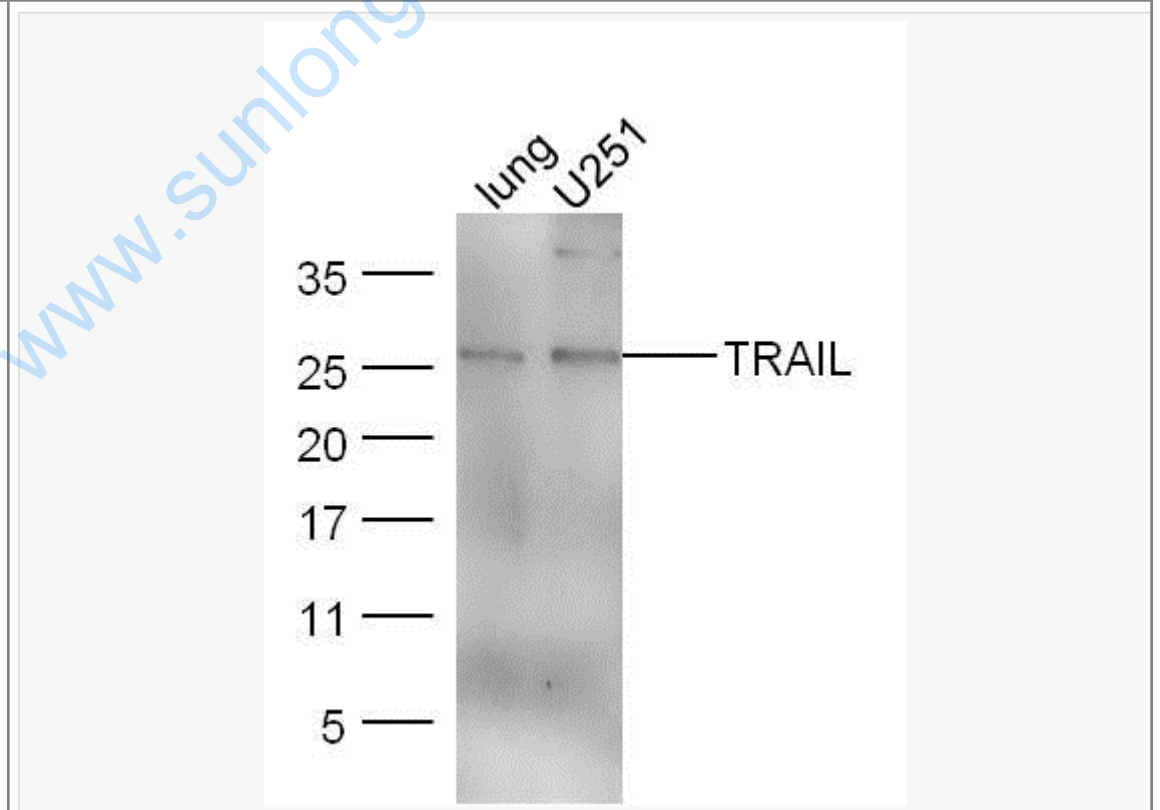
[Unigene: 83627](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Tumour坏死因子相关的凋亡诱导配体(TNF related apoptosis inducingligand, TRAIL)又称凋亡素2配体(Apo2 ligand, Apo2L)或死亡配体, 属于Tumour坏死因子家族, 能选择性的诱导TumourApoptosis, 而正常细胞则可以逃逸他的杀伤作用, 有望成为一种新的抗Tumour方法。

Picture:



Sample:

Lung (Mouse) Lysate at 30 ug

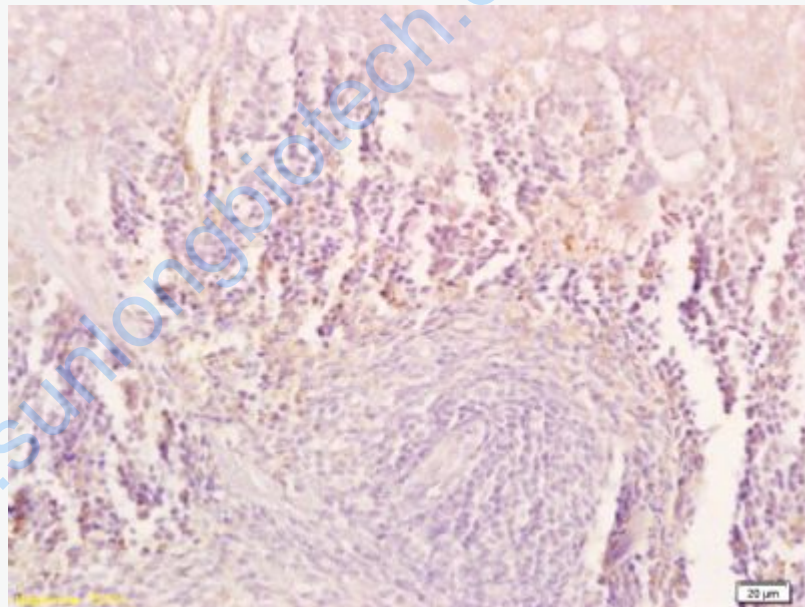
U251 Cell Lysate at 30 ug

Primary: rabbit Anti- TRAIL (SL1214R) at 1:300 dilution;

Secondary: HRP conjugated Goat-Anti-rabbit IgG(SL1214R) at 1:5000 dilution;

Predicted band size: 31 kD

Observed band size: 26 kD

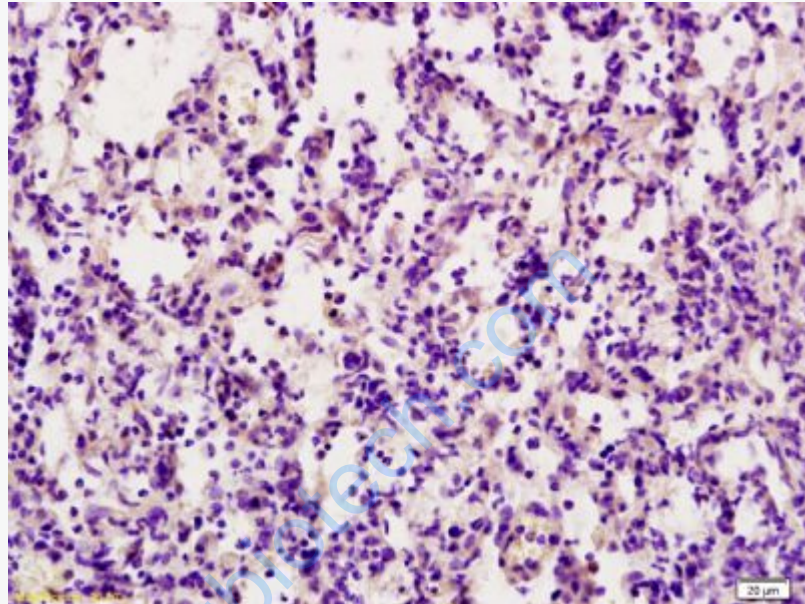


Tissue/cell: mouse spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-TRAIL Polyclonal Antibody, Unconjugated(SL1214R) 1:200,

overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-TRAIL Polyclonal Antibody, Unconjugated(SL1214R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining