

# TRAIL Polyclonal Antibody

Catalog # AP73694

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC, E
<b>Primary Accession</b>	<a href="#">P50591</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	32509

## Additional Information

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<b>Gene ID</b>	8743
<b>Other Names</b>	TNFSF10; APO2L; TRAIL; Tumor necrosis factor ligand superfamily member 10; Apo-2 ligand; Apo-2L; TNF-related apoptosis-inducing ligand; Protein TRAIL; CD253
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

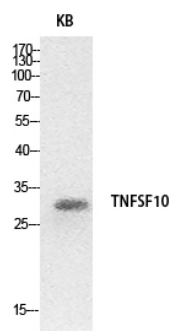
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<b>Name</b>	TNFSF10
<b>Synonyms</b>	APO2L, TRAIL
<b>Function</b>	Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG (PubMed: <a href="#">10549288</a> , PubMed: <a href="#">26457518</a> ). Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis.
<b>Cellular Location</b>	Cell membrane; Single-pass type II membrane protein. Secreted. Note=Exists both as membrane-bound and soluble form.
<b>Tissue Location</b>	Widespread; most predominant in spleen, lung and prostate

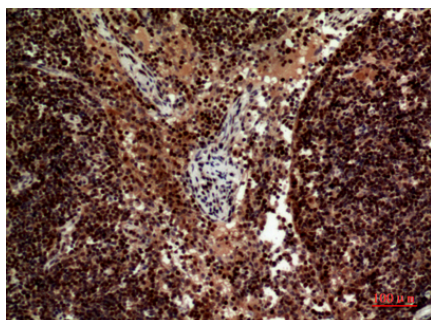
## Background

Cytokine that binds to TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and possibly also to TNFRSF11B/OPG (PubMed:[26457518](#), PubMed:[10549288](#)). Induces apoptosis. Its activity may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4 and TNFRSF11B/OPG that cannot induce apoptosis.

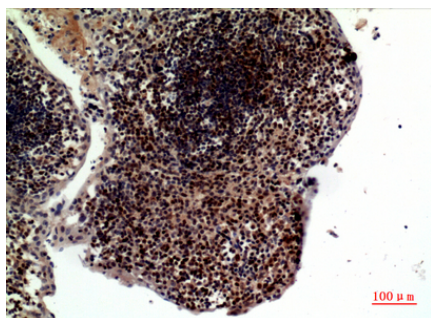
## Images



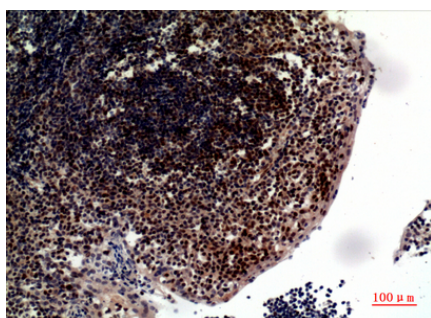
Western Blot analysis of HeLa cells using TRAIL Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human lymph nodes, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human tonsilla, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human tonsilla, antibody was diluted at 1:100

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