Datasheet for ABIN673494

anti-TRAIL antibody (AA 185-281)

3 Images | 2 Publications

Go to Product page

Overview

Quantity:	100 µL
Target:	TRAIL (TNFSF10)
Binding Specificity:	AA 185-281
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAIL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TRAIL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	TRAIL (TNFSF10)
Alternative Name:	TRAIL (TNFSF10 Products)

Target Details

Background:	Synonyms: TL2, APO2L, CD253, TRAIL, Apo-2L, Tumor necrosis factor ligand superfamily member 10, Apo-2 ligand, TNF-related apoptosis-inducing ligand, Protein TRAIL, TNFSF10 Background: 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.
Gene ID:	8743
UniProt:	P50591
Pathways:	Apoptosis, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

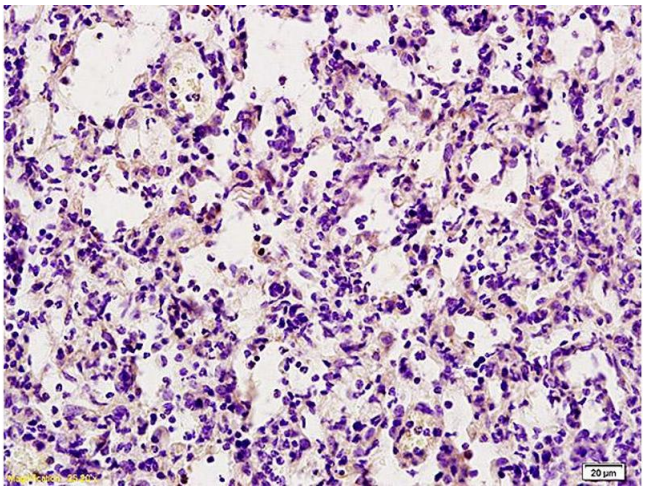
Publications

Product cited in:

Seki, Cueno, Kamio, Saito, Kamimoto, Kurita-Ochiai, Ochiai et al.: "Varying butyric acid amounts induce different stress- and cell death-related signals in nerve growth factor-treated PC12 cells: implications in neuropathic pain absence during periodontal disease ..." in: **Apoptosis : an international journal on programmed cell death**, Vol. 21, Issue 6, pp. 699-707, (2016) (PubMed).

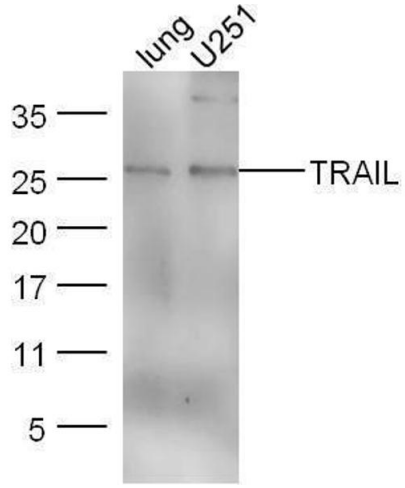
Fang, Zhang, Qi, Fan, Luo, Liu, Tan: "Evodiamine induces G2/M arrest and apoptosis via mitochondrial and endoplasmic reticulum pathways in H446 and H1688 human small-cell lung cancer cells." in: **PLoS ONE**, Vol. 9, Issue 12, pp. e115204, (2014) (PubMed).

Images



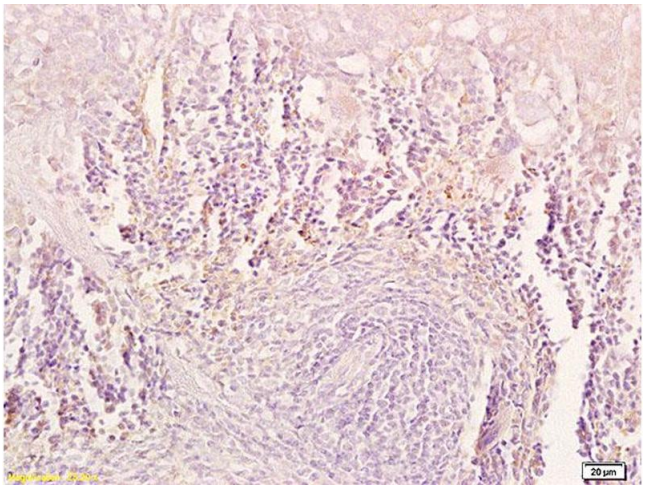
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat lung labeled with Anti-TRAIL Polyclonal Antibody, Unconjugated (ABIN673494) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Western Blotting

Image 2. Lane 1: Mouse lung lysates; Lane 2: U251 cell lysates probed with Anti–TRAIL Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37˚C.



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded mouse spleen tissue labeled with Anti-TRAIL Polyclonal Antibody, Unconjugated (ABIN673494) at 1:200 followed by conjugation to the secondary antibody and DAB staining.