

Datasheet for ABIN6149332
anti-TRAIL antibody (AA 1-100)



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1 Image

Overview

Quantity:	100 µL
Target:	TRAIL (TNFSF10)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAIL antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TNFSF10 (NP_003801.1).
Sequence:	MAMMEVQGGP SLGQTCVLIV IFTVLLQSLC VAVTYVYFTN ELKQMQDKYS KSGIACFLKE DDSYWDPNDE ESMNSPCWQV KWQLRQLVRK MILRTSEETI
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	TRAIL (TNFSF10)
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Target Details

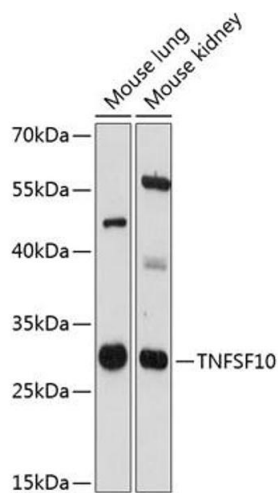
Alternative Name:	TNFSF10 (TNFSF10 Products)
Background:	<p>The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.,TNFSF10,APO2L,Apo-2L,CD253,TL2,TNLTG6A,TRAIL,Cancer,Invasion and Metastasis,Cell Biology & Developmental Biology,Apoptosis,Death receptors & ligands,Death Receptor Signaling Pathway,Immunology & Inflammation,CD markers,Cytokines,Cardiovascular,TNFSF10</p>
Molecular Weight:	11 kDa/32 kDa
Gene ID:	8743
UniProt:	P50591
Pathways:	Apoptosis , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using TNFSF10 antibody (ABIN6134952, ABIN6149332, ABIN6149335 and ABIN6215635) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.