antibodies -online.com







anti-TRAIL antibody





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Quantity:	200 μL	
Target:	TRAIL (TNFSF10)	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TRAIL antibody is un-conjugated	
Application:	Western Blotting (WB)	

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse Trail	
Isotype:	IgG	
Characteristics:	Polyclonal Antibody	
Purification:	Affinity purification	

Target Details

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

Molecular Weight: Observed_MW: 33 kDa

Calculated_MW: 33 kDa

UniProt: P50591, P50592

Pathways: Apoptosis, Positive Regulation of Endopeptidase Activity

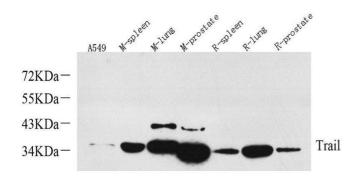
Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	0.94 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4
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 various samples using TRAIL Polyclonal Antibody at dilution of 1:1000.