

Datasheet for ABIN2792121
anti-TRADD antibody (Middle Region)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TRADD
Binding Specificity:	Middle Region
Reactivity:	Human, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRADD antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human TRADD
Sequence:	YEQAFQLLR FVQAEGRRT LQRLVEALEE NELTSLAEDL LGLTDPNGGL
Predicted Reactivity:	Dog: 76%, Horse: 76%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against TRADD. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TRADD
Alternative Name:	TRADD (TRADD Products)

Target Details

Background:	<p>TRADD is the adaptor molecule for TNFRSF1A/TNFR1 that specifically associates with the cytoplasmic domain of activated TNFRSF1A/TNFR1 mediating its interaction with FADD. Overexpression of TRADD leads to two major TNF-induced responses, apoptosis and activation of NF-kappa-B. The protein encoded by this gene is a death domain containing adaptor molecule that interacts with TNFRSF1A/TNFR1 and mediates programmed cell death signaling and NF-kappaB activation. This protein binds adaptor protein TRAF2, reduces the recruitment of inhibitor-of-apoptosis proteins (IAPs) by TRAF2, and thus suppresses TRAF2 mediated apoptosis. This protein can also interact with receptor TNFRSF6/FAS and adaptor protein FADD/MORT1, and is involved in the Fas-induced cell death pathway. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: Hs.89862, MGC11078</p> <p>Protein Interaction Partner: FADD, UBC, TNF, RIPK1, TNFRSF1A, ZMYND11, TOMM70A, PDLIM7, LRRK2, OPTN, TRADD, TRAF2, TRAF1, TNFRSF1B, GFRA1, CHUK, FAS, DAB2IP, EDAR, CDKN2A, TRIP12, LMP1, CASP8, SH3KBP1, USP2, TNFRSF25, PPP2R1A, TRPC4AP, HIPK2, TNFRSF21, CNTRL, TNFRSF10B, TNFRSF10A, BC</p> <p>Protein Size: 312</p>
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Molecular Weight:	34 kDa
Gene ID:	8717
NCBI Accession:	NM_003789 , NP_003780
UniProt:	Q15628
Pathways:	NF-kappaB Signaling , Apoptosis , Caspase Cascade in Apoptosis , Positive Regulation of Endopeptidase Activity , Hepatitis C

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 312 AA
Restrictions:	For Research Use only

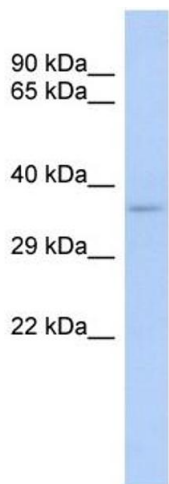
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

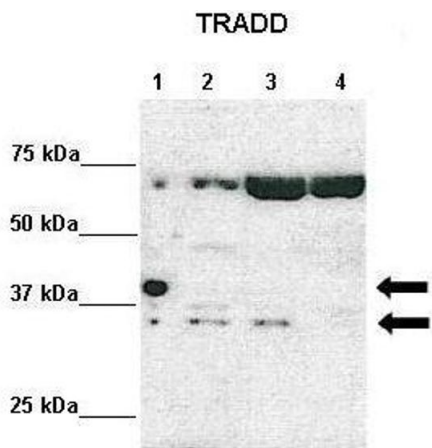
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TRADD Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: DU145 cell lysate There is BioGPS gene expression data showing that TRADD is expressed in DU145



See Immunoblot 2 Data and Customer Feedback for more Information

Western Blotting

Image 2. Lanes: Lane 1: 10ug Tradd-HA-Strep-stable expression 293TREXFlpIn cells-Doxycycline induced Lane 2: 10ug ITradd-HA-Strep-stable expression 293TREXFlpIn cells-non-induced Lane 3: 10ug siRNA scrambled-MDA-MB-231 cells Lane 4: siRNA Tradd-MDA-MB-231 cells Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti-rabbit HRP Secondary Antibody Dilution: 1:2000 Gene Name: TRADD Submitted by: Dr. Tencho Tenev, The Breakthrough Breast Cancer Research Centre, Institute of Cancer Research There is BioGPS gene expression data showing that TRADD is expressed in HEK293T