



[Go to Product page](#)

Datasheet for ABIN6148978  
**anti-TDRD3 antibody (AA 1-220)**

1 Image

Overview

Quantity:	100 µL
Target:	TDRD3
Binding Specificity:	AA 1-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDRD3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human TDRD3 (NP_110421.1).
Sequence:	MLRLQMTDGH ISCTAVEFSY MSKISLNTTP GTKVKLSGIV DIKNGFLLLN DSNTTVLGGE VEHLIEKWEL QRSLSKHNRS NIGTEGGPPP FVPFGQKCVS HVQVDSRELD RRKTLQVTMP VKPTNDNDEF EKQRTAAIAE VAKSKETKTF GGGGGGARSN LNMNAAGNRN REVLQKEKST KSEKHEGVY RELVDEKALK HITEMGFSKE ASRQALMDNG
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	TDRD3
Alternative Name:	TDRD3 ( <a href="#">TDRD3 Products</a> )
Background:	Scaffolding protein that specifically recognizes and binds dimethylarginine-containing proteins. In nucleus, acts as a coactivator: recognizes and binds asymmetric dimethylation on the core histone tails associated with transcriptional activation (H3R17me2a and H4R3me2a and recruits proteins at these arginine-methylated loci. In cytoplasm, may play a role in the assembly and/or disassembly of mRNA stress granules and in the regulation of translation of target mRNAs by binding Arg/Gly-rich motifs (GAR in dimethylarginine-containing proteins.,TDRD3,Epigenetics & Nuclear Signaling,RNA Binding,Neuroscience,Neurodegenerative Diseases,TDRD3
Molecular Weight:	73 kDa/83 kDa
Gene ID:	81550
UniProt:	<a href="#">Q9H7E2</a>

## Application Details

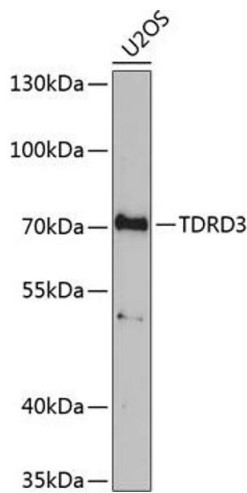
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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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 U2OS cells, using TDRD3 antibody (ABIN6133097, ABIN6148978, ABIN6148979 and ABIN6221657) at 1:1000 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.