

Datasheet for ABIN2775265
anti-TDRD9 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TDRD9
Binding Specificity:	C-Term
Reactivity:	Human, Rabbit, Horse, Cow, Dog, Guinea Pig, Mouse, Rat, Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDRD9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human TDRD9
Sequence:	PHPDLVCLAP FADFDKQRYF RAQVLYVSGN SAEVFFVDYG NKSHVDLHLL
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 100%, Yeast: 89%
Characteristics:	This is a rabbit polyclonal antibody against TDRD9. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TDRD9
Alternative Name:	TDRD9 (TDRD9 Products)

Target Details

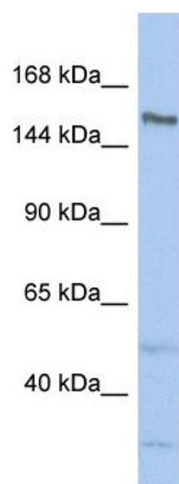
Background:	<p>TDRD9 is a probable ATP-binding RNA helicase which plays a central role during spermatogenesis by repressing transposable elements and prevent their mobilization, which is essential for the germline integrity. TDRD9 acts via the piRNA metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and govern the methylation and subsequent repression of transposons. Its association with PIWIL4 and the piP-bodies suggests a participation in the secondary piRNAs metabolic process.</p> <p>Alias Symbols: C14orf75, HIG-1, NET54</p> <p>Protein Interaction Partner: PPP2R1A, UBC,</p> <p>Protein Size: 1382</p>
Molecular Weight:	152 kDa
Gene ID:	122402
NCBI Accession:	NM_153046 , NP_694591
UniProt:	Q8NDG6

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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.



Western Blotting

Image 1. Host: Rabbit Target Name: TDRD9 Sample Type: ACHN Whole Cell lysates Antibody Dilution: 1.0ug/ml