

Datasheet for ABIN7166668

anti-TDRD12 antibody (AA 991-1164) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TDRD12
Binding Specificity:	AA 991-1164
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDRD12 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Putative ATP-dependent RNA helicase TDRD12 protein (991-1164AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TDRD12
Alternative Name:	TDRD12 (TDRD12 Products)
Background:	Background: Probable ATP-binding RNA helicase required during spermatogenesis to repress transposable elements and preventing their mobilization, which is essential for the germline

Target Details

integrity. 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 governs the methylation and subsequent repression of transposons. Involved in the secondary piRNAs metabolic process. Acts via the PET complex, a multiprotein complex required during the secondary piRNAs metabolic process for the PIWIL2 slicing-triggered loading of PIWIL4 piRNAs.

Aliases: ECAT8 antibody, ES cell associated transcript 8 antibody, ES cell-associated transcript 8 protein antibody, TDR12_HUMAN antibody, Tdrd12 antibody, Tudor domain containing 12 antibody, Tudor domain-containing protein 12 antibody

UniProt: [Q587J7](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.