

Datasheet for ABIN7173761
anti-TDRD1 antibody (AA 12-314) (Biotin)



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Overview

Quantity:	100 µg
Target:	TDRD1
Binding Specificity:	AA 12-314
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDRD1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Tudor domain-containing protein 1 protein (12-314AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TDRD1
Alternative Name:	TDRD1 (TDRD1 Products)
Background:	Background: Plays a central role during spermatogenesis by participating in the repression 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. Required for the localization of Piwi proteins to the meiotic nuage. Involved in the piRNA metabolic process by ensuring the entry of correct transcripts into the normal piRNA pool and limiting the entry of cellular transcripts into the piRNA pathway. May act by allowing the recruitment of piRNA biogenesis or loading factors that ensure the correct entry of transcripts and piRNAs into Piwi proteins (By similarity).

Aliases: Cancer/testis antigen 41.1 antibody, CT41.1 antibody, FLJ21082 antibody, MTR 1 antibody, TDRD 1 antibody, tdrd1 antibody, TDRD1_HUMAN antibody, Tudor domain containing 1 antibody, Tudor domain containing protein 1 antibody, Tudor domain-containing protein 1 antibody

UniProt: [Q9BXT4](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

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.