

Rabbit TDRD1 Polyclonal Antibody | anti-TDRD1 antibody

TDRD1 Antibody

CATALOG # AAA75692	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

TDRD1; Polyclonal Antibody; TDRD1 Antibody; Cancer/testis antigen 41.1; CT41.1; FLJ21082; MTR 1; Tudor domain containing protein 1 antibody; anti-TDRD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Form/Format	Affinity Purified
Concentration	One hundred micrograms (100ug) of antibody in 180-200ul of antibody stabilization buffer. (varies by lot)
Sequence Length	708
Applicable Applications for anti-TDRD1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 570-605 on TDRD1 protein.
Expression	Testis and ovary specific. Also expressed in several cancers.
Molecular Function	metal ion binding
Subcellular Location	Cytoplasm (Note: Component of the meiotic nuage, also named P granule, a germ-cell-specific organelle required to repress transposon activity during meiosis. Also present in chromatoid body)
Preparation and Storage	-20° C for long term storage

IMAGES



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-TDRD1 antibody	Affinity Purified Tudor domain-containing protein 1 Antibody Plays a central role during spermatogenesis by participating in the repression transposable elements and preventing their mobilization, which is essential for the germline 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.
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Product Categories/Family for anti-TDRD1 antibody

Primary Antibodies; Cell Biology; Developmental Biology; Reproduction; TDRD1 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	194385600
NCBI GeneID	56165
UniProt Accession #	Q9BXT4; Q4G0Y8; Q6P518; Q9H7B3; A6NEN3; A6NMN2; B3KVI4; B4E2L5; D3DRC2
NCBI Official Full Name	unnamed protein product
NCBI Official Synonym Full Names	tudor domain containing 1
NCBI Official Symbol	TDRD1
NCBI Official Synonym Symbols	CT41.1
NCBI Protein Information	tudor domain-containing protein 1
UniProt Protein Name	Tudor domain-containing protein 1
UniProt Gene Name	TDRD1
UniProt Synonym Gene Names	CT41.1
UniProt Entry Name	TDRD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tdrd1-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/75692>