

Rabbit anti-Human TDRD1 Polyclonal Antibody | anti-TDRD1 antibody

TDRD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231637	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

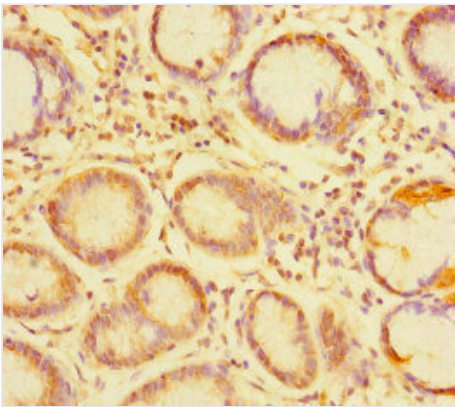
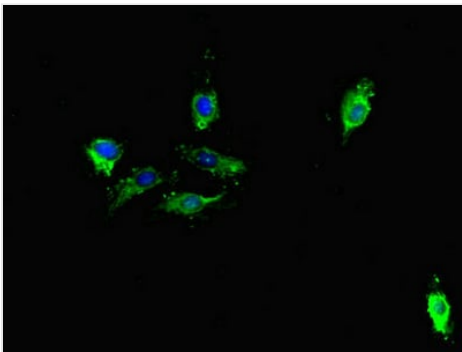
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1189
Applicable Applications for anti-TDRD1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Tudor domain-containing protein 1 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-165663
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of Hela cells using AAA231637 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human gastric cancer using AAA231637 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TDRD1 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. 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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	38505161
NCBI GeneID	56165
NCBI Accession #	NP_942090.1
NCBI GenBank Nucleotide #	NM_198795.1
UniProt Accession #	Q9BXT4; Q4G0Y8; Q6P518; Q9H7B3; A6NEN3; A6NMN2; B3KVI4; B4E2L5; D3DRC2
Molecular Weight	79,170 Da
NCBI Official Full Name	tudor domain-containing protein 1
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.

