

Rabbit anti-Human DTD1 Polyclonal Antibody | anti-DTD1 antibody

Rabbit anti-DTD1 Antibody, Affinity Purified

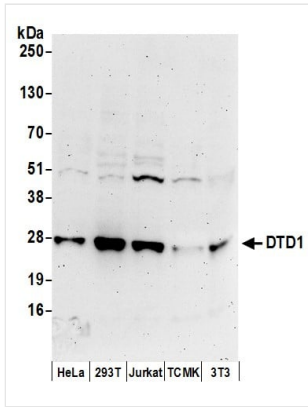
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212851	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

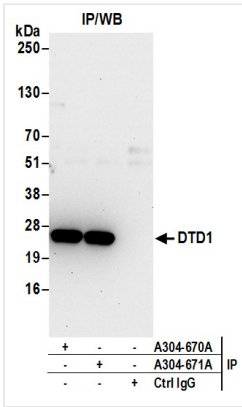
DTD1; Polyclonal Antibody; Rabbit anti-DTD1 Antibody; Affinity Purified; DUEB; histidyl-tRNA synthetase 2; histidyl-tRNA synthase-related; HARS2; pqn-68; DUE-B; D-tyrosyl-tRNA deacylase 1 homolog; DTD; DNA-unwinding element-binding protein B; D-aminoacyl-tRNA deacylase 1; C20orf88; gly-tRNA(Ala) deacylase; D-tyrosyl-tRNA(Tyr) deacylase 1; D-tyrosyl-tRNA deacylase 1; anti-DTD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DTD1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Bovine
Immunogen	Between 159 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human DTD1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DTD1 antibody AAA212851 (lot AAA212851-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human DTD1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-DTD1 antibody AAA212851 (lot AAA212851-1) used for IP at 6 ug per reaction. DTD1 was also immunoprecipitated by rabbit anti-DTD1 antibody For blotting immunoprecipitated DTD1, AAA212851 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-DTD1 antibody	D-tyrosyl-tRNA(Tyr) deacylase 1 (DTD1) is an ATPase involved in DNA replication. It may facilitate loading of CDC45 onto pre-replication complexes. DTD1 may hydrolyze D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr), a possible defense mechanism against a harmful effect of D-tyrosine [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q8TEA8].
Product Categories/Family for anti-DTD1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	30795227
NCBI GeneID	92675
NCBI Accession #	NP_543010.3
NCBI GenBank Nucleotide #	NM_080820.4
UniProt Accession #	Q8TEA8; Q496D1; Q5W184; Q8WXU8; Q9BW67; Q9H464; Q9H474; A8K5X5; D3DW37
Molecular Weight	23,424 Da
NCBI Official Full Name	D-tyrosyl-tRNA(Tyr) deacylase 1
NCBI Official Synonym Full Names	D-tyrosyl-tRNA deacylase 1
NCBI Official Symbol	DTD1
NCBI Official Synonym Symbols	DUEB; DUE-B; HARS2; pqn-68; C20orf88; bA379J5.3; bA555E18.1
NCBI Protein Information	D-tyrosyl-tRNA(Tyr) deacylase 1; D-tyrosyl-tRNA(Tyr) deacylase 1; D-tyrosyl-tRNA deacylase 1 homolog; DNA-unwinding element-binding protein B; histidyl-tRNA synthase-related; histidyl-tRNA synthetase 2
UniProt Protein Name	D-tyrosyl-tRNA(Tyr) deacylase 1
UniProt Gene Name	DTD1
UniProt Synonym Gene Names	C20orf88; DUEB; HARS2; DUE-B
UniProt Entry Name	DTD1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/dtd1-antibody-immunoprecipitation-western-blot-elisa/212851>