

Product datasheet for **TA343780**

ADAT1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ADAT1 antibody: synthetic peptide directed towards the C terminal of human ADAT1. Synthetic peptide located within the following region: RLVP CGAAISWSAVPEQPLDVTANGFPQGTTKKTIGSLQARSQISKVELF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39 kDa
Gene Name:	adenosine deaminase, tRNA specific 1
Database Link:	NP_036223 Entrez Gene 23536 Human Q9BUB4
Background:	ADAT1 is a member of the ADAR (adenosine deaminase acting on RNA) family. Using site-specific adenosine modification, the family participates in the pre-mRNA editing of nuclear transcripts. ADAT1, tRNA-specific adenosine deaminase 1, is responsible for the deamination of adenosine 37 to inosine in eukaryotic tRNA.
Synonyms:	HADAT1



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Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 79%

Product images:



WB Suggested Anti-ADAT1 Antibody Titration:
1.25 ug/ml; ELISA Titer: 1: 62500; Positive Control:
Jurkat cell lysate



Rabbit Anti-ADAT1 Antibody; Paraffin Embedded
Tissue: Human Heart; Cellular Data: Myocardial
cells; Antibody Concentration: 4.0-8.0 ug/ml;
Magnification: 400X