

**AP43175PU-N****Polyclonal Antibody to ADAT1 - Aff - Purified****Alternate names:**

hADAT1, tRNA-specific adenosine deaminase 1

**Quantity:**

50 µg

**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. This gene is a member of the ADAR (adenosine deaminase acting on RNA) family. Using site-specific adenosine modification, proteins encoded by these genes participate in the pre-mRNA editing of nuclear transcripts. The protein encoded by this gene, tRNA-specific adenosine deaminase 1, is responsible for the deamination of adenosine 37 to inosine in eukaryotic tRNA.

**Uniprot ID:**[Q9BUB4](#)**NCBI:**[NP\\_036223](#)**GeneID:**[23536](#)**Host:**

Rabbit

**Immunogen:**

Synthetic peptide directed towards the C terminal of human ADAT1

**AA Sequence:**

LFRSFQKLLSRIARDKWPHSLRVQKLDITYQEYKEAASSYQEAWSLTKQV

**Format:****State:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.**Purification:** Purified using peptide immunoaffinity column**Applications:**

Western blotting (0.2 - 1.0 µg/ml)

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Species Reactivity:****Tested:** Human**Expected from sequence similarity:** Mouse, Rat**Storage:**

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

Maas, S., (1999) Proc. Natl. Acad. Sci. U.S.A. 96 (16), 8895-8900

**Pictures:**

WB Suggested Anti-ADAT1 Antibody  
Titration: 0.2-1 ug/ml; ELISA Titer: 1:  
312500; Positive Control: Human Thymus



Rabbit Anti-ADAT1 Antibody; Paraffin  
Embedded Tissue: Human Stomach;  
Cellular Data: Epithelial cells of fundic  
gland; Antibody Concentration: 4.0-8.0  
ug/ml; Magnification: 400X

