

## Datasheet for ABIN629916 **anti-ADAT1 antibody (C-Term)**

### 2 Images



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### Overview

Quantity:	100 µg
Target:	ADAT1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	ADAT1 antibody was raised using the C terminal of ADAT1 corresponding to a region with amino acids RLVPCGAAISWSAVPEQPLDVTANGFPQGTTKKTIGSLQARSQISKVELF
Specificity:	ADAT1 antibody was raised against the C terminal of ADAT1
Purification:	Purified

### Target Details

Target:	ADAT1
Alternative Name:	ADAT1 ( <a href="#">ADAT1 Products</a> )
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

## Target Details

of adenosine 37 to inosine in eukaryotic tRNA.

Molecular Weight: 39 kDa (MW of target protein)

## Application Details

Application Notes: WB: 1.25 µg/mL, IHC: 4-8 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: ADAT1 Blocking Peptide, catalog no. 33R-8057, is also available for use as a blocking control in assays to test for specificity of this ADAT1 antibody

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ADAT1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images



### Immunohistochemistry

**Image 1.** ADAT1 antibody was used for immunohistochemistry at a concentration of 4-8 µg/ml to stain Myocardial cells (arrows) in Human Heart. Magnification is at 400X



### Western Blotting

**Image 2.** ADAT1 antibody used at 1.25 ug/ml to detect target protein.