

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 (ADAT1 Products)	
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)

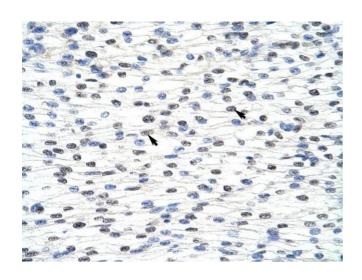
Application Details

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

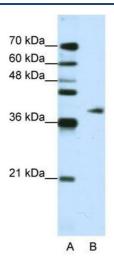
Format:	Lyophilized	
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ADAT1 antibody in PBS	
Concentration:	Lot specific	
Buffer:	PBS	
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.	
Storage:	4 °C/-20 °C	
Storage Comment:	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 ug/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.