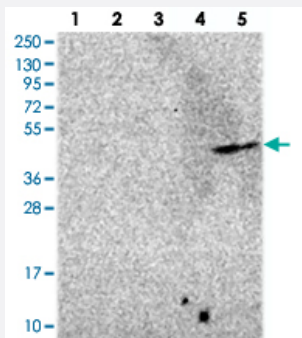


ADAT1 polyclonal antibody

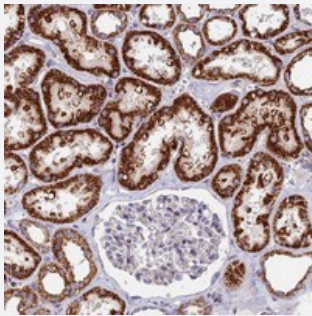
Catalog # PAB23683 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with ADAT1 polyclonal antibody (Cat # PAB23683).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney with ADAT1 polyclonal antibody (Cat # PAB23683) shows strong cytoplasmic positivity in cells in tubules.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ADAT1.
Immunogen	Recombinant protein corresponding to amino acids of human ADAT1.
Sequence	IAQLCYEHYGIRLPKKGKPEPNHEWTLLAAVVKIQSPADKACDTPDKPVQVTKEVVSMGTGTCIG QSKMRKNGDILNDSHAEVIARRSFQR
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with ADAT1 polyclonal antibody (Cat # PAB23683).

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Gene Info — ADAT1

Entrez GeneID	23536
Protein Accession#	Q9BUB4
Gene Name	ADAT1
Gene Alias	HADAT1
Gene Description	adenosine deaminase, tRNA-specific 1
Omim ID	604230
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

adenosine deaminase acting on tRNA

Disease

- [Genetic Predisposition to Disease](#)