

ADAT1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17954a**Specification**

ADAT1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9BUB4](#)**ADAT1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 23536**Other Names**

tRNA-specific adenosine deaminase 1, hADAT1, tRNA-specific adenosine-37 deaminase, ADAT1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ADAT1 Antibody (N-term) Blocking Peptide - Protein Information**Name** ADAT1**Function**

Specifically deaminates adenosine-37 to inosine in tRNA-Ala.

Tissue Location

Ubiquitously expressed.

ADAT1 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ADAT1 Antibody (N-term) Blocking Peptide - Images**ADAT1 Antibody (N-term) Blocking Peptide - Background**

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. Alternatively spliced transcript variants have been described.

ADAT1 Antibody (N-term) Blocking Peptide - References

Dastani, Z., et al. Eur. J. Hum. Genet. 18(3):342-347(2010) Maas, S., et al. Proc. Natl. Acad. Sci. U.S.A. 96(16):8895-8900(1999)