



Anti-ADAT1 monoclonal antibody (DCABH-10421)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	A synthetic peptide of human ADAT1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ADAT1 adenosine deaminase, tRNA-specific 1 [Homo sapiens]
Official Symbol	ADAT1
Synonyms	ADAT1; adenosine deaminase, tRNA-specific 1; tRNA-specific adenosine deaminase 1; adenosine deaminase acting on tRNA; tRNA-specific adenosine-37 deaminase; HADAT1;
Entrez Gene ID	23536
Protein Refseq	NP_036223
UniProt ID	Q9BUB4
Chromosome Location	16q23
Function	RNA binding; hydrolase activity; metal ion binding; tRNA-specific adenosine deaminase activity;