

Rabbit ADAT1 Polyclonal Antibody | anti-ADAT1 antibody

ADAT1 antibody - C-terminal region

CATALOG # AAA198747	HOST Rabbit	REACTIVITY Dog, Guinea Pig, Horse, Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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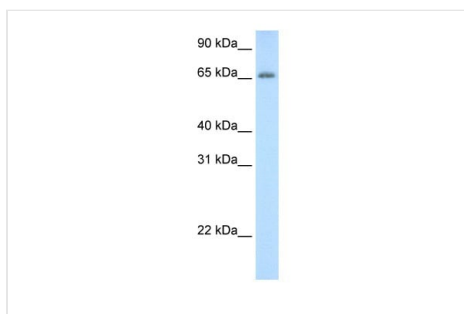
PRODUCT SYNONYMS

ADAT1; Polyclonal Antibody; ADAT1 antibody - C-terminal region; anti-ADAT1 antibody

PRODUCT SPECIFICATIONS

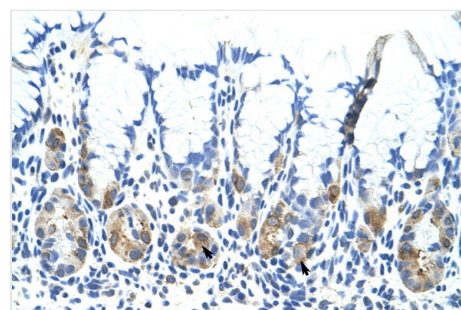
Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LF RSFQKLLSRI ARDKWPHSLR VQKLDITYQEY KEAASSYQEA WSTLRKQV
Sequence Length	502
Applicable Applications for anti-ADAT1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 79%; Guinea Pig: 85%; Horse: 86%; Human: 100%; Mouse: 86%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ADAT1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ADAT1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Thymus



IHC (Immunohistochemistry)

Rabbit Anti-ADAT1 Antibody
Paraffin Embedded Tissue: Human Stomach
Cellular Data: Epithelial cells of fundic gland
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-ADAT1 antibody	This is a rabbit polyclonal antibody against ADAT1. It was validated on Western Blot and immunohistochemistry Target Description: 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 of adenosine 37 to inosine in eukaryotic tRNA. 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.
Product Categories/Family for anti-ADAT1 antibody	Polyclonal; RNA Binding Proteins; Chromatin & Nuclear Signaling; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	302058269
NCBI GeneID	23536
NCBI Accession #	NP_036223
NCBI GenBank Nucleotide #	NM_012091
UniProt Accession #	Q9BUB4
Molecular Weight	55kDa
NCBI Official Full Name	tRNA-specific adenosine deaminase 1 isoform a
NCBI Official Synonym Full Names	adenosine deaminase tRNA specific 1
NCBI Official Symbol	ADAT1
NCBI Official Synonym Symbols	HADAT1
NCBI Protein Information	tRNA-specific adenosine deaminase 1
UniProt Protein Name	tRNA-specific adenosine deaminase 1
UniProt Gene Name	ADAT1
UniProt Synonym Gene Names	hADAT1
UniProt Entry Name	ADAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/adat1-antibody-western-blot-immunohistochemistry-elisa/198747>