

Rabbit anti-Human, mouse ADO Polyclonal Antibody | anti-ADO antibody

ADO Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289767	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

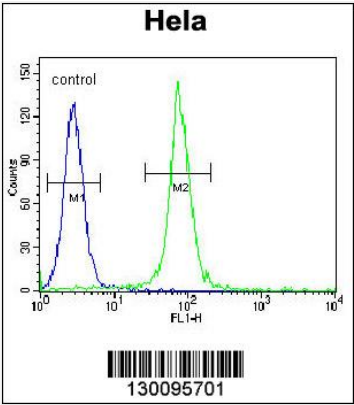
PRODUCT SYNONYMS

ADO; Polyclonal Antibody; ADO Antibody (C-term); 2-aminoethanethiol dioxygenase; Cysteamine dioxygenase; C10orf22; anti-ADO antibody

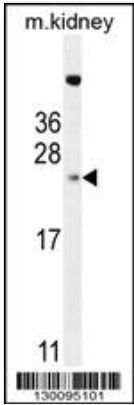
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ADO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 206-233 amino acids from the C-terminal region of human ADO.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	206-233
Sequence Length	270
Applicable Applications for anti-ADO antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
ADO Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
ADO Antibody (C-term) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the ADO antibody detected the ADO protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ADO antibody	Human thiol dioxygenases include cysteine dioxygenase (CDO; MIM 603943) and cysteamine (2-aminoethanethiol) dioxygenase (ADO; EC 1.13.11.19). CDO adds 2 oxygen atoms to free cysteine, whereas ADO adds 2 oxygen atoms to free cysteamine to form hypotaurine (Dominy et al., 2007 [PubMed 17581819]).[supplied by OMIM].
Product Categories/Family for anti-ADO antibody	Metabolism; Signal Transduction
References	Dominy, J.E. Jr., et al. J. Biol. Chem. 282(35):25189-25198(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62177110
NCBI GeneID	84890
NCBI Accession #	NP_116193.2
NCBI GenBank Nucleotide #	NM_032804.5
UniProt Accession #	Q96SZ5; B1AL29
Molecular Weight	29751
NCBI Official Full Name	2-aminoethanethiol dioxygenase
NCBI Official Synonym Full Names	2-aminoethanethiol (cysteamine) dioxygenase
NCBI Official Symbol	ADO
NCBI Official Synonym Symbols	C10orf22
NCBI Protein Information	2-aminoethanethiol dioxygenase
UniProt Protein Name	2-aminoethanethiol dioxygenase
UniProt Gene Name	ADO
UniProt Synonym Gene Names	C10orf22
UniProt Entry Name	AEDO_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ado-antibody-flow-cytometry-western-blot-elisa/289767>