

Rabbit AADAT Polyclonal Antibody | anti-AADAT antibody

AADAT Polyclonal Antibody

CATALOG # AAA280981	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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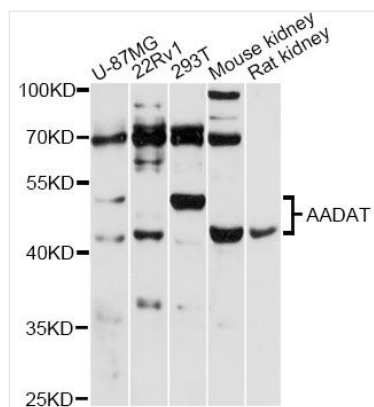
PRODUCT SYNONYMS

AADAT; Polyclonal Antibody; AADAT Polyclonal Antibody; KAT2; KATII; KYAT2; anti-AADAT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	429
Applicable Applications for anti-AADAT antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 34-429 of human AADAT (NP_001273611.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AADAT antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-AADAT antibody	This gene encodes a protein that is highly similar to mouse and rat kynurenine aminotransferase II. The rat protein is a homodimer with two transaminase activities. One activity is the transamination of alpha-aminoadipic acid, a final step in the saccaropine pathway which is the major pathway for L-lysine catabolism. The other activity involves the transamination of kynurenine to produce kynurenine acid, the precursor of kynurenic acid which has neuroprotective properties. Several transcript variants encoding two different isoforms have been found for this gene.
Product Categories/Family for anti-AADAT antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	557878723
NCBI GeneID	51166
NCBI Accession #	NP_001273611.1
NCBI GenBank Nucleotide #	NM_001286682.1
UniProt Accession #	Q8N5Z0; Q9UL02; B3KP84
Molecular Weight	Calculated: 47kDa Observed: 47kDa
NCBI Official Full Name	kynurenine/alpha-aminoadipate aminotransferase, mitochondrial isoform a
NCBI Official Synonym Full Names	aminoadipate aminotransferase
NCBI Official Symbol	AADAT
NCBI Official Synonym Symbols	KAT2; KATII; KYAT2
NCBI Protein Information	kynurenine/alpha-aminoadipate aminotransferase, mitochondrial
UniProt Protein Name	Kynurenine/alpha-aminoadipate aminotransferase, mitochondrial
UniProt Gene Name	AADAT
UniProt Synonym Gene Names	KAT2; KAT/AadAT; AadAT

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/aadat-antibody-western-blot-elisa/280981>