

Rabbit KATII / AADAT Polyclonal Antibody | anti-KATII antibody

Rabbit Polyclonal to Human KATII / AADAT

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52177	Rabbit	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

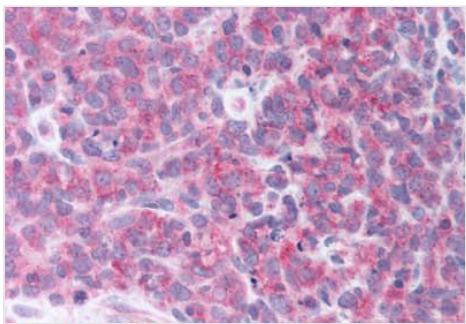
PRODUCT SYNONYMS

KATII / AADAT; Polyclonal Antibody; Rabbit Polyclonal to Human KATII / AADAT; Anti-KATII / AADAT Antibody (Internal) IHC-plus; AADAT; 2-aminoadipate transaminase; KAT2; KAT; AadAT; KATII; Kynurenine aminotransferase II; Aminoadipate aminotransferase; Human KATII; anti-KATII antibody

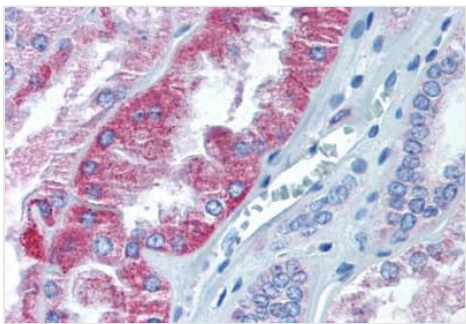
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human AADAT. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	425
Applicable Applications for anti-KATII antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from internal region of human AADAT. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (94%); Marmoset (88%); Panda, Pig (82%).
Immunogen Type	Synthetic peptide
Immunogen	KATII / AADAT antibody was raised against synthetic 17 amino acid peptide from internal region of human AADAT. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (94%); Marmoset (88%); Panda, Pig (82%).
Antigen Modification	Internal
Preparation and Storage	Store at 4 degree C for short term applications. For long term storage, aliquot and store at -20 degree C.

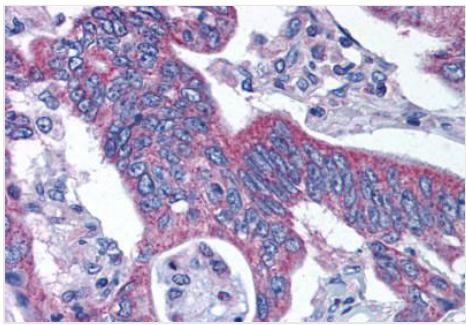
IMAGES



IHC (Immunohistochemisry)
Anti-KATII / AADAT antibody IHC of human Lymph Node, Non-Hodgkins Lymphoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohiostchemistry)
Anti-AADAT antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-KATII / AADAT antibody IHC of human Colon, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-KATII antibody	Kynurenine aminotransferase catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid. Kynurenic acid is an antagonist at the glycine site of NMDA receptors and increased levels of kynurenic acid are thought to exert a neuroprotective action in some pathological conditions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7705897
NCBI GeneID	51166
NCBI Accession #	NP_057312.1
NCBI GenBank Nucleotide #	NM_016228.3
UniProt Accession #	Q8N5Z0; Q9UL02; B3KP84
Molecular Weight	47,822 Da
NCBI Official Full Name	kynurenine/alpha-aminoadipate aminotransferase, mitochondrial isoform b
NCBI Official Synonym Full Names	aminoadipate aminotransferase
NCBI Official Symbol	AADAT
NCBI Official Synonym Symbols	KAT2; KATII
NCBI Protein Information	kynurenine/alpha-aminoadipate aminotransferase, mitochondrial; KAT/AadAT; 2-aminoadipate transaminase; kynurenine aminotransferase II; 2-aminoadipate aminotransferase; kynurenine--oxoglutarate transaminase 2; kynurenine--oxoglutarate transaminase II; kynurenine--oxoglutarate aminotransferase II; L kynurenine/alpha aminoadipate aminotransferase

UniProt Protein Name	Kynurenine/alpha-aminoadipate aminotransferase, mitochondrial
UniProt Gene Name	AADAT
UniProt Synonym Gene Names	KAT2; KAT/AadAT; AadAT
UniProt Entry Name	AADAT_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/katii-aadat-antibody-immunohistochemistry-elisa/52177>