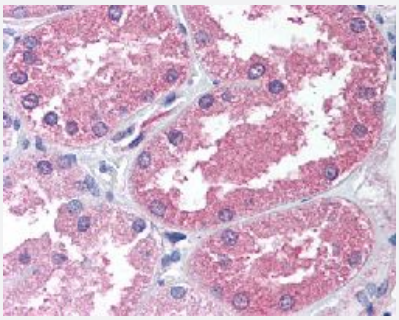
AADAT polyclonal antibody

Catalog # PAB16528 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human kidney with AADAT polyclonal antibody (Cat # PAB16528).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AADAT.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human AADAT.
Host	Rabbit
Reactivity	Human
Specificity	N-terminal region of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — AADAT

Entrez GeneID	51166
Protein Accession#	Q8N5Z0
Gene Name	AADAT
Gene Alias	KAT2, KATII
Gene Description	aminoadipate aminotransferase
Gene Ontology	Hyperlink
Gene Summary	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 transaminatio n of alpha-aminoadipic acid, a final step in the saccaropine pathway which is the major pathway f or L-lysine catabolism. The other activity involves the transamination of kynurenine to produce kyn urenine acid, the precursor of kynurenic acid which has neuroprotective properties. Two alternativ e transcripts encoding the same isoform have been identified, however, additional alternative tran scripts and isoforms may exist. [provided by RefSeq
Other Designations	L kynurenine/alpha aminoadipate aminotransferase|L-kynurenine/alpha-aminoadipate aminotrans ferase|alpha-aminoadipate aminotransferase|kynurenine aminotransferase II

Pathway

- Lysine biosynthesis
- Lysine degradation
- Metabolic pathways
- Tryptophan metabolism