

Goat anti-AADAT (int.) Antibody
Peptide-affinity purified goat antibody
Catalog # AF4339a

Specification

Goat anti-AADAT (int.) Antibody - Product Information

Application	IHC, Pep-ELISA
Primary Accession	Q8N5Z0
Other Accession	NP_057312.1 , NP_872603.1
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	47352

Goat anti-AADAT (int.) Antibody - Additional Information

Gene ID 51166

Other Names

AADAT; aminoadipate aminotransferase; KAT2; KATII; L kynurenine/alpha aminoadipate aminotransferase; L-kynurenine/alpha-aminoadipate aminotransferase; alpha-aminoadipate aminotransferase; kynurenine aminotransferase II

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

Both reported variants represent identical protein (NP_057312.1 and NP_872603.1).

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-AADAT (int.) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-AADAT (int.) Antibody - Protein Information

Name AADAT ([HGNC:17929](#))

Function

Transaminase with broad substrate specificity. Has transaminase activity towards aminoadipate, kynurenine, methionine and glutamate. Shows activity also towards tryptophan, aspartate and hydroxykynurenine. Accepts a variety of oxo-acids as amino-group acceptors, with a preference for 2-oxoglutarate, 2-oxocaproic acid, phenylpyruvate and alpha-oxo-gamma-methiol butyric acid.

Can also use glyoxylate as amino-group acceptor (in vitro).

Cellular Location

Mitochondrion.

Tissue Location

Higher expression in the liver. Also found in heart, brain, kidney, pancreas, prostate, testis and ovary

Goat anti-AADAT (int.) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat anti-AADAT (int.) Antibody - Images