

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

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

Application	IHC, Pep-ELISA
Primary Accession	<a href="#">Q8N5Z0</a>
Other Accession	<a href="#">NP_057312.1</a> , <a href="#">NP_872603.1</a>
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

**Dilution**

IHC~~1:100~500

Pep-ELISA~~N/A

**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**