

ARG64686 anti-AADAT antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes AADAT
Tested Reactivity	Hu
Tested Application	WB
Specificity	Both reported variants represent identical protein (NP_057312.1 and NP_872603.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	AADAT
Species	Human
Immunogen	C-KPEDAKNPQKNTPK
Conjugation	Un-conjugated
Alternate Names	Kynurenine--oxoglutarate transaminase 2; AadAT; Kynurenine/alpha-aminoadipate aminotransferase, mitochondrial; KAT/AadAT; KAT2; EC 2.6.1.39; Kynurenine--oxoglutarate aminotransferase II; 2-aminoadipate aminotransferase; 2-aminoadipate transaminase; KATII; Kynurenine aminotransferase II; EC 2.6.1.7; Kynurenine--oxoglutarate transaminase II; Alpha-aminoadipate aminotransferase

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml

Application Note
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

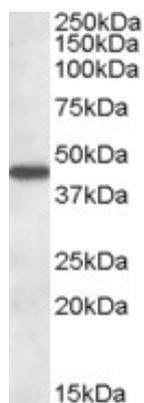
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 51166 Human Swiss-port # Q8N5Z0 Human
Background	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. Two alternative transcripts encoding the same isoform have been identified, however, additional alternative transcripts and isoforms may exist. [provided by RefSeq, Jul 2008]
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	47 kDa

Images



ARG64686 anti-AADAT antibody WB image

Western Blot: Human Liver lysate (35 µg protein in RIPA buffer) stained with ARG64686 anti-AADAT antibody at 1 µg/ml dilution.