

DNAxPab

Hard-to-Find
Antibody

AADAT DNAxPab

Catalog # H00051166-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AADAT DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNYARFITAASAARNPSPiRTMSEKRADILSRGPKSMISLAGGLPNPNMFpFKTAVITVENgKTIQF GEEMMKRALQYSPSAGIPELLSWLKQLQIKLHNpPTIHYPsSQGMDLCVTSGSQQGLCKVFEMII NPGDNVLLDEPAYSGTLQSLHPLGCNIiNVASDESGMPDslRDILSRWKPEDAKNPQKNTPKFLY TVPNGNNPTGNSLTSErKKEYELARKYDFLIEDDPYFLQFNKFRVPTFLSMDVDGRVIRADSFS KIISGLRIGFLTGPkPLIERVILHIQVSTLHPSTfNQLMISQLLHEWGEEGFMAHVDRVIDFYsNQKD AILAAADKWLTGLAEWHVPAAGMFLWIKVKGINDVKELIEEKAVKMGVLMPLGNAFYVDSSAPSP YLRASFSSASPEQMDVAFQVLAQLIKESL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — AADAT

Entrez GeneID [51166](#)

GeneBank Accession# [BC031068.1](#)

Protein Accession# [AAH31068.1](#)

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 transamination of alpha-aminoadipic acid, a final step in the saccharopine 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]

Other Designations L kynurenine/alpha aminoadipate aminotransferase|L-kynurenine/alpha-aminoadipate aminotransferase|alpha-aminoadipate aminotransferase|kynurenine aminotransferase II

Pathway

- [Lysine biosynthesis](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)
- [Tryptophan metabolism](#)