

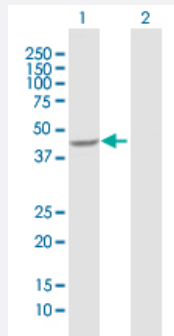
MaxPab®

AADAT purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00051166-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of AADAT expression in transfected 293T cell line ([H00051166-T01](#)) by AADAT MaxPab polyclonal antibody.

Lane 1: AADAT transfected lysate(47.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AADAT protein.
Immunogen	AADAT (AAH31068.1, 1 a.a. ~ 429 a.a) full-length human protein.
Sequence	MNYARFITAASAARNPSPIRTMSEKRADILSRGPKSMISLAGGLPNPNMFPFKTAVITVENGKTIQF GEEMMKRALQYSPSAGIPELLSWLKQLQKLHNPPTIHYQPSQGQMDLCVTSGSQQGLCKVFEMII NPGDNVLLDEPAYSGTLQSLHPLGCNIINVASDESGMPDLSRDILSRWKPEDAKNPQKNTPKFLY TVPNGNNPTGNSLTSEKKEIYELARKYDFLIEDDPYYFLQFNKFRVPTFLSMDVDGRVIRADSFS KIISGLRIGFLTGPKPLIERVILHIQVSTLHPSTFNQLMISQLLHEWGEEGFMHVDRVIDFYNSQKD AIIAAADKWLTGLAEWHVPAAGMFLWIKVKGINDVKELIEEKAVKMGVLMPLPGNAFYVDSSAPSP YLRASFSSASPEQMDVAFQVLAQLIKESL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (71)
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.

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[Protocol Download](#)

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](#)