

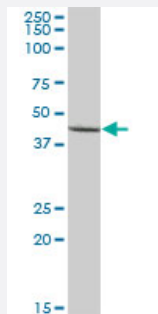
MaxPab®

AADAT purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051166-B01P

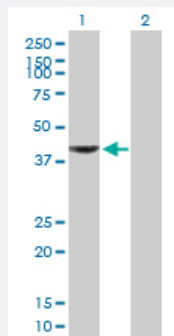
Size 50 ug

Applications



Western Blot (Tissue lysate)

AADAT MaxPab polyclonal antibody. Western Blot analysis of AADAT expression in human liver.



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(47.19 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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
GEEMMKRALQYSPSAGIPELLSWLKQLQIKLHNPPTIHYQPSQGGMDLCVTSGSQQGLCKVFEMII
NPGDNVLLDEPAYSGTLQSLHPLGCNIINVASDESGVPSLRDILSRWKPEDAKNPQKNTPKFLY
TVPNGNPTGNSLTSEKKEIYELARKYDFLIEDDPYYFLQFNKFRVPTFLSMDVDGRVIRADSFS
KISSGLRIGFLTGPCKPLIERVILHIQVSTLHPSTFNQLMISQQLHEWGEEGFMAHVDRVIDFYSNQKD
AILAAADKWLTLGLAEWHVPAAGMFLWIKVKGINDVKELIEEKAVKMGVLMPLPGNAFYVDSSAPSP
YLRASFSSASPEQMDVAFQVLAQLIKESL

Host	Mouse
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.

Applications

- Western Blot (Tissue lysate)

AADAT MaxPab polyclonal antibody. Western Blot analysis of AADAT expression in human liver.

[Protocol Download](#)

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

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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](#)