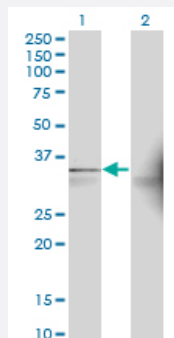


AASDHPPT monoclonal antibody (M01), clone 2C12

Catalog # H00060496-M01

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of AASDHPPT expression in transfected 293T cell line by AASDHPPT monoclonal antibody (M01), clone 2C12.

Lane 1: AASDHPPT transfected lysate (Predicted MW: 35.8 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant AASDHPPT.
Immunogen	AASDHPPT (AAH15470, 1 a.a. ~ 309 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVFPARFCLVPSMEGVRWAFSCGTWLPSRAEWLLAVRSIQPEEKERIGQFVFARDAKAAMAG RLMIRKLVAEKLNIPWNHIRLQRTARGKPVLAkdSSNPYPNFNFNISHQGDYAVLAAEPELQVGID MKTSFPGRGSIPFFHIMKRKFTNKEWETIRSFKDEWTQLDMFYRNWALKESFIKAIGAGLGFELQ RLEFDLSPLNLDIGQVYKETRLFLDGEEEEKWAFEEKIDEHHFVAVALRKPdGSRHQDVPSQD DSKPTQRQFTILNFNDLMSSAVPMTPEdPSFWDCFCFTEEIPIRNGTKS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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)

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[Protocol Download](#)

- ELISA

Gene Info — AASDHPPT

Entrez GeneID [60496](#)

GeneBank Accession# [BC015470](#)

Protein Accession# [AAH15470](#)

Gene Name AASDHPPT

Gene Alias AASD-PPT, CGI-80, DKFZp566E2346, LYS2, LYS5

Gene Description aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase

Omim ID [607756](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is similar to *Saccharomyces cerevisiae* LYS5, which is required for the activation of the alpha-aminoadipate dehydrogenase in the biosynthetic pathway of lysine. Yeast alpha-aminoadipate dehydrogenase converts alpha-biosynthetic-aminoadipate semialdehyde to alpha-aminoadipate. It has been suggested that defects in the human gene result in pipercolic acidemia. [provided by RefSeq]

Other Designations 4'-phosphopantetheinyl transferase|alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase

Pathway

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