

AASDHPPT rabbit monoclonal antibody

Catalog # H00060496-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AASDHPPT peptide using ARM Technology.
Immunogen	A synthetic peptide of human AASDHPPT is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human AASDHPPT peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — AASDHPPT

Entrez GeneID	60496
GeneBank Accession#	AASDHPPT
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 pyroglutamic acidemia. [provided by RefSeq]
Other Designations	4'-phosphopantetheinyl transferase alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase

Pathway

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