

# AASDHPPT Rabbit pAb

Catalog No.: A4909

## Basic Information

### Observed MW

36kDa

### Calculated MW

36kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

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 pipecolic acidemia.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

60496

### Swiss Prot

Q9NRN7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-309 of human AASDHPPT (NP\_056238.2).

### Synonyms

ACPS; LYS2; LYS5; CGI-80; AASD-PPT; AASDHPPT

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

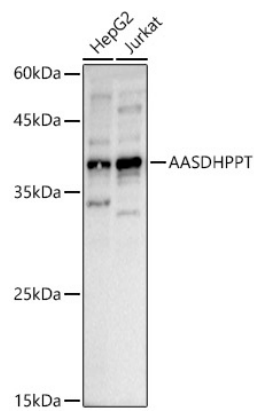
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

# Validation Data



Western blot analysis of various lysates, using AASDHPPT Rabbit pAb (A4909) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.