

A12828

Leader in Biomolecular Solutions for Life Science



PPCS Rabbit pAb

Catalog No.: A12828

Basic Information

Observed MW

34kDa

Calculated MW

34kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. PPCS (EC 6.3.2.5), one of the last enzymes in this pathway, converts phosphopantothenate to phosphopantothenoylcysteine (Daugherty et al., 2002 [PubMed 11923312]).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

79717

Swiss Prot

Q9HAB8

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-311 of human PPCS (NP_078940.2).

Synonyms

CMD2C; PPCS

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

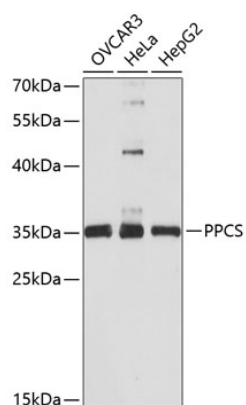
Affinity purification

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 PPCS Rabbit pAb (A12828) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.