

## Anti-PPCS Polyclonal Antibody

Cat: AC51480

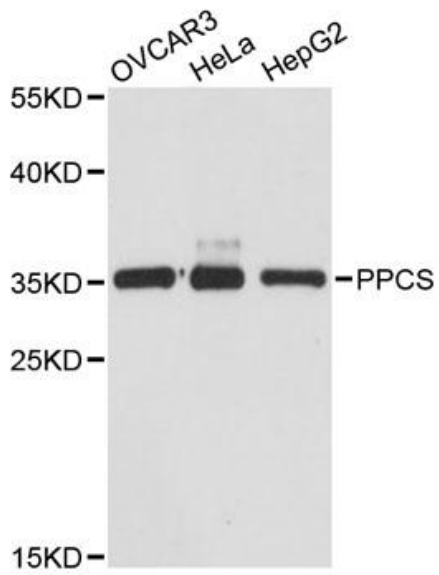
### Summary:

- 【Product name】** : Anti-PPCS antibody      **【Source】** : Rabbit  
**【Isotype】** : IgG      **【Species reactivity】** : Human  
**【Swiss Prot】** : Q9HAB8      **【Gene ID】** : 79717  
**【Calculated】** : MW:34kDa      **【Observed】** : MW:35kDa  
**【Purification】** : Affinity purification  
**【Tested applications】** : WB  
**【Recommended dilution】** : WB 1:500-2000.  
**【WB Positive sample】** : OVCAR3,HeLa,HepG2  
**【Subcellular location】** : Cytosol  
**【Immunogen】** : Recombinant protein of human PPCS  
**【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

### 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]).

## Verified picture



Western blot analysis with PPCS antibody  
diluted at 1:1000