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## Datasheet for ABIN7465055 **anti-PPCS antibody**

### Overview

Quantity:	100 µL
Target:	PPCS
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPCS antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PPCS. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	PPCS
Alternative Name:	phosphopantothenoylcysteine synthetase ( <a href="#">PPCS Products</a> )
Background:	Phosphopantothenoylcysteine synthetase , CMD2C,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

## Target Details

	phosphopantothenoylcysteine (Daugherty et al., 2002 [PubMed 11923312]).[supplied by OMIM]
Molecular Weight:	34 kDa
Gene ID:	79717
UniProt:	<a href="#">Q9HAB8</a>
Pathways:	<a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.69 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.