

## Product datasheet for **TA370324**

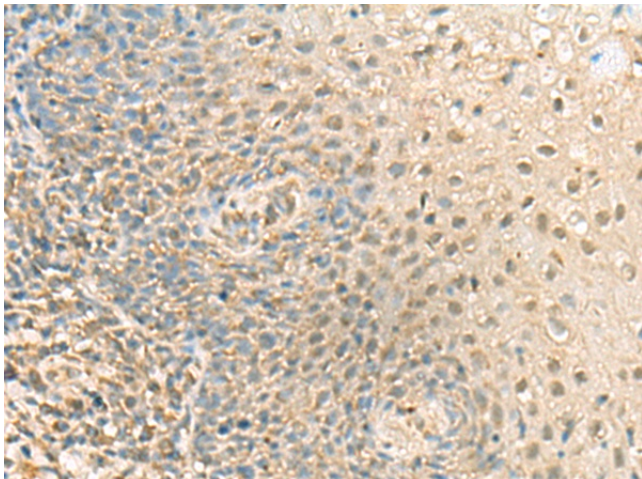
### PPCDC Rabbit Polyclonal Antibody

#### Product data:

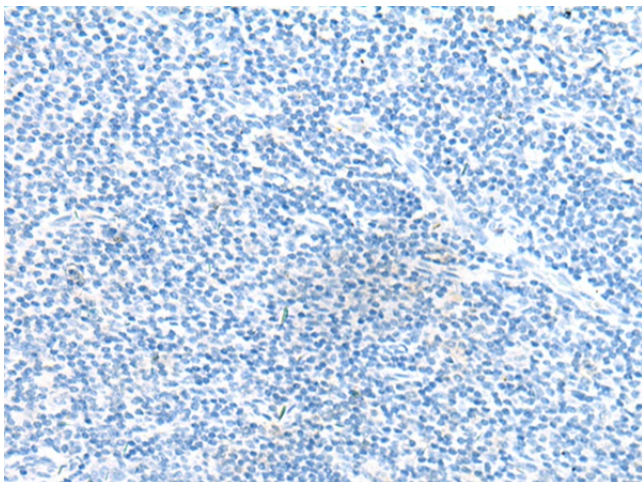
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-300 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	phosphopantothenoylcysteine decarboxylase
Database Link:	<a href="#">Entrez Gene 60490 Human Q96CD2</a>
Background:	Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. PPCDC (EC 4.1.1.36), one of the last enzymes in this pathway, converts phosphopantothenoylcysteine to 4-prime-phosphopantetheine (Daugherty et al., 2002 [PubMed 11923312]).
Synonyms:	COAC; FLJ14585; MDS018; PPC-DC



[View online »](#)

**Product images:**

Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370324 (PPCDC Antibody) at dilution 1/55 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370324 (PPCDC Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: ×200)