

Rabbit PPCS Polyclonal Antibody | anti-PPCS antibody

PPCS antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201227	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Sheep, Zebrafish	Immunohistochemistry, Western Blot

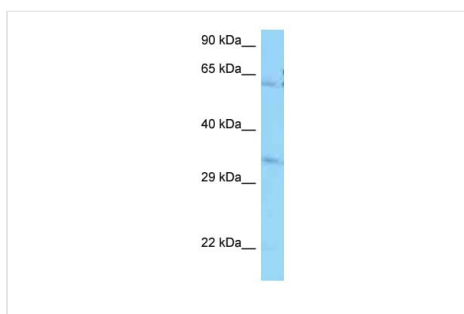
PRODUCT SYNONYMS

PPCS; Polyclonal Antibody; PPCS antibody - N-terminal region; anti-PPCS antibody

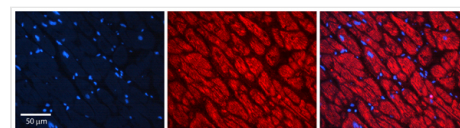
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: FS SGRRGATSAE AFLAAGYGVL FLYRARSAFP YAHRFPPQTW LSALRPSG
Sequence Length	284
Applicable Applications for anti-PPCS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 86%; Pig: 100%; Rat: 100%; Sheep: 93%; Zebrafish: 79%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-PPCS Antibody Titration: 1.0 ug/ml Positive Control: Jurkat Whole Cell


IHC (Immunohistochemistry)

Rabbit Anti-PPCS Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-PPCS antibody

This is a rabbit polyclonal antibody against PPCS. It was validated on Western Blot

Target Description: 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.

Product Categories/Family for anti-PPCS antibody

Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Membrane & Traffic; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	116875844
NCBI GeneID	79717
NCBI Accession #	NP_078940
NCBI GenBank Nucleotide #	NM_024664
UniProt Accession #	Q9HAB8
Molecular Weight	31kDa
NCBI Official Full Name	phosphopantothenate--cysteine ligase isoform a
NCBI Official Synonym Full Names	phosphopantothenoylcysteine synthetase
NCBI Official Symbol	PPCS
NCBI Official Synonym Symbols	CMD2C
NCBI Protein Information	phosphopantothenate--cysteine ligase
UniProt Protein Name	Phosphopantothenate--cysteine ligase
UniProt Gene Name	PPCS
UniProt Synonym Gene Names	COAB; PPC synthetase
UniProt Entry Name	PPCS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppcs-antibody-immunohistochemistry-western-blot-elisa/201227>