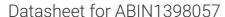
antibodies .- online.com







anti-DCAKD antibody (AA 61-160) (Alexa Fluor 350)



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	N/P	r\/	i⊢₩

Quantity:	100 μL
Target:	DCAKD
Binding Specificity:	AA 61-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCAKD antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DCAKD
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog
Purification:	Purified by Protein A.

Target Details

Target:	DCAKD
Alternative Name:	DCAKD (DCAKD Products)

Target Details

Background:	Synonyms: Dephospho CoA kinase domain containing protein, Dephospho CoA kinase domain
	containing, isoform CRA_b, DCAKD_HUMAN.
	Background: DCAKD belongs to the coaE family. It contains one DPCK (dephospho CoA kinase)
	domain. There are two isoforms.Coenzyme A (CoA) is an essential cofactor used in numerous
	biochemical pathways. It plays a critical role in the synthesis and oxidation of fatty acids and is
	vital to the citric acid cycle. The biosynthesis pathway of CoA from pantothenic acid (also
	known as vitamin B5) is essential and universal in prokaryotes and eukaryotes. In humans, the
	final steps of the biosynthesis pathway are carried out by the bifunctional enzyme COASY. The
	sequence of these enzymes are highly conserved between different bacterial species. The
	phosphopantetheine adenylyltransferase and decoenzyme A kinase activities of COASY are
	evolutionarily conserved activities. DCAKD (deCoA kinase domain containing protein) is a 231
	amino acid protein that consists of a deCoA kinase domain and an ATP nucleotide binding
	motif. Localizing to mitochondria and the cytosol, DCAKD belongs to the coaE family which
	suggests that it may play a role in the biosynthesis of CoA.
Gene ID:	79877
Pathways:	SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
, ppauto total	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months