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Datasheet for ABIN7266645
anti-COX8A antibody (AA 1-69)

Overview

Quantity:	100 µL
Target:	COX8A
Binding Specificity:	AA 1-69
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX8A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	COX8A Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-69 of human COX8A (NP_004065.1).
Sequence:	MSVLTPLLLR GLTGSARRLP VPRAKIHSLP PEGKLGIMEL AVGLTSCFVT FLLPAGWILS HLETYRRPE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	COX8A
Alternative Name:	COX8A (COX8A Products)
Background:	<p>The protein encoded by this gene is the terminal enzyme of the respiratory chain, coupling the transfer of electrons from cytochrome c to molecular oxygen, with the concomitant production of a proton electrochemical gradient across the inner mitochondrial membrane. In addition to 3 mitochondrially encoded subunits, which perform the catalytic function, the eukaryotic enzyme contains nuclear-encoded smaller subunits, ranging in number from 4 in some organisms to 10 in mammals. It has been proposed that nuclear-encoded subunits may be involved in the modulation of the catalytic function. This gene encodes one of the nuclear-encoded subunits.,COX8A,COX,COX8,COX8-2,COX8L,VIII,VIII-L,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Neuroscience,Neurodegenerative Diseases,COX8A</p>
Molecular Weight:	7kDa
Gene ID:	1351
UniProt:	P10176

Application Details

Application Notes:	WB,1:1000 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.