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Datasheet for ABIN7445771  
**anti-COX2 antibody (AA 83-227)**

6 Images

Overview

Quantity:	100 µL
Target:	COX2
Binding Specificity:	AA 83-227
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cytochrome C Oxidase Subunit II (COX2)
Immunogen:	Recombinant Cytochrome C Oxidase Subunit II (COX2) corresponding to Ile83~Ile227 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against COX2. It has been selected for its ability to recognize COX2 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	COX2
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## Target Details

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Alternative Name:	Cytochrome C Oxidase Subunit II ( <a href="#">COX2 Products</a> )
Background:	MTCO2, MT-CO2, COII, COXII, Mitochondrially Encoded Cytochrome C Oxidase II, Cytochrome c oxidase polypeptide II
Pathways:	<a href="#">Brown Fat Cell Differentiation</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a>

## Application Details

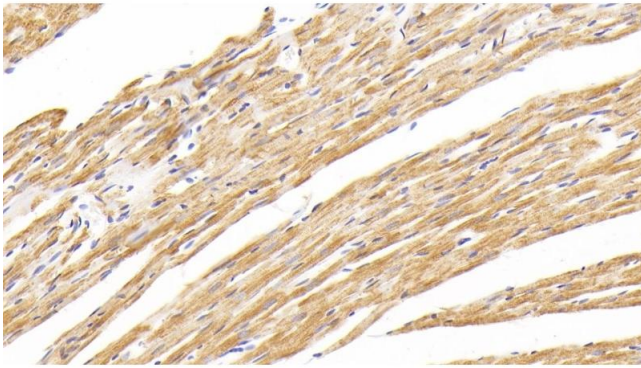
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

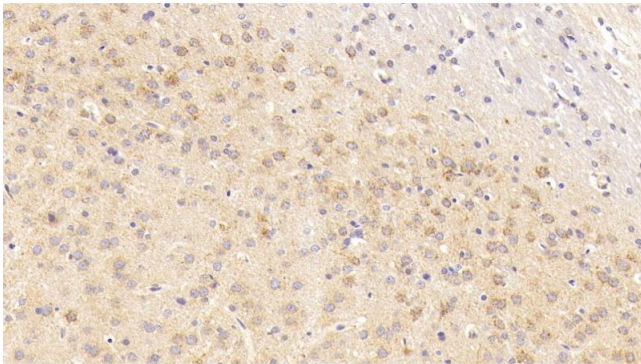
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Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



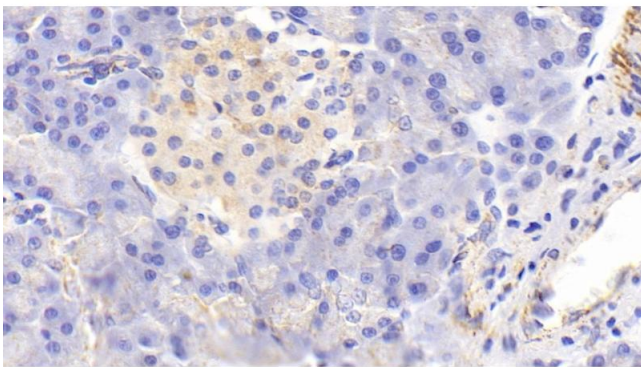
#### Immunohistochemistry

**Image 1.** Detection of COX2 in Rat Cardiac Muscle Tissue using Polyclonal Antibody to Cytochrome C Oxidase Subunit II (COX2)



#### Immunohistochemistry

**Image 2.** Detection of COX2 in Rat Cerebrum Tissue using Polyclonal Antibody to Cytochrome C Oxidase Subunit II (COX2)



#### Immunohistochemistry

**Image 3.** Detection of COX2 in Rat Pancreas Tissue using Polyclonal Antibody to Cytochrome C Oxidase Subunit II (COX2)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7445771.