

# COX6C Polyclonal antibody

Catalog Number: 11429-2-AP 1 Publications

## Basic Information

<b>Catalog Number:</b> 11429-2-AP	<b>GenBank Accession Number:</b> BC000187	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 240 µg/ml	<b>GeneID (NCBI):</b> 1345	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P09669	
<b>Isotype:</b> IgG	<b>Full Name:</b> cytochrome c oxidase subunit VIc	
<b>Immunogen Catalog Number:</b> AG1982	<b>Calculated MW:</b> 75 aa, 9 kDa	
	<b>Observed MW:</b> 9 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : human heart tissue, IHC : human pancreas cancer tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Cytochrome c oxidase (COX) is the terminal oxidase in the respiratory chain in human and other mammalian cells. The enzyme is composed of 13 different subunits. COX6C (Cytochrome c oxidase subunit 6C) is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.

## Notable Publications

Author	Pubmed ID	Journal	Application
Oliva Claudia R CR	20870728	J Biol Chem	WB

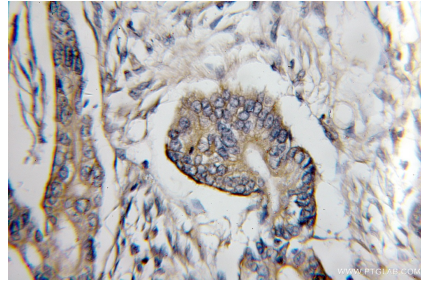
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



human heart tissue were subjected to SDS PAGE followed by western blot with 11429-2-AP (COX6C antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 11429-2-AP (COX6C antibody) at dilution of 1:50 (under 10x lens).