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Datasheet for ABIN7129022

anti-COX8A antibody

2 Images

Overview

Quantity:	100 µL
Target:	COX8A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX8A antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Fusion protein of Human COX8A
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen affinity purification

Target Details

Target:	COX8A
Alternative Name:	COX8A (COX8A Products)
Background:	Background: 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

Target Details

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.

Aliases: COX antibody, COX8 antibody, COX8-2 antibody, COX8A antibody, COX8A_HUMAN antibody, COX8L antibody, Cytochrome c oxidase polypeptide VIII-liver/heart antibody, Cytochrome c oxidase subunit 8-2 antibody, Cytochrome c oxidase subunit 8A (ubiquitous) antibody, Cytochrome c oxidase subunit 8A antibody, Cytochrome c oxidase subunit 8A, mitochondrial antibody, Cytochrome c oxidase subunit VIII antibody, Cytochrome c oxidase subunit VIIIA (ubiquitous) antibody, mitochondrial antibody, VIII antibody, VIII-L antibody

UniProt: [P10176](#)

Application Details

Application Notes: ELISA:1:1000-1:5000, IHC:1:10-1:50,

Restrictions: For Research Use only

Handling

Format: Liquid

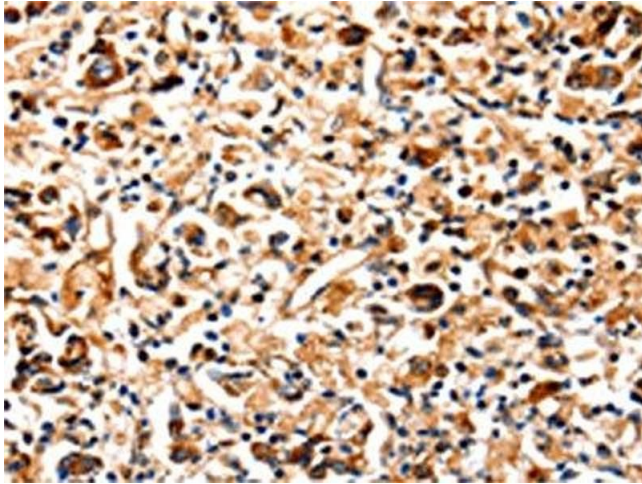
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

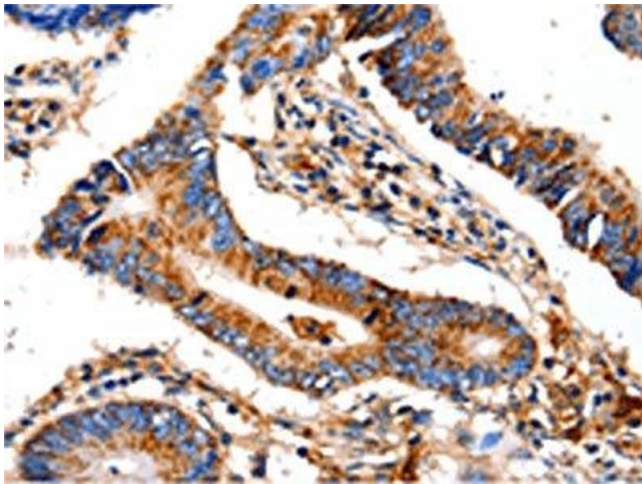
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ABIN7129022(COX8A Antibody) at dilution 1/12, on the right is treated with fusion protein. (Original magnification: x200)



Immunohistochemistry

Image 2. The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ABIN7129022(COX8A Antibody) at dilution 1/12, on the right is treated with fusion protein. (Original magnification: x200)