



COX82 Polyclonal Antibody

Catalog No	YP-Ab-10903
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC; ELISA
Gene Name	COX8A COX8 COX8L
Immunogen	Synthesized peptide derived from human COX82 AA range: 10-90
Specificity	This antibody detects endogenous levels of human COX82
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:50-200, ELISA(peptide)1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	COX8;COX8 2;COX8L;Cytochrome c oxidase polypeptide VIII-liver/heart; Cytochrome c oxidase;COX82;COX8A COX8 COX8L;Cytochrome c oxidase subunit 8A;mitochondrial (Cytochrome c oxidase polypeptide VIII-liver/heart; Cytochrome c oxidase subunit 8-2)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Mitochondrion inner membrane ; Single-pass membrane protein .
Tissue Specificity	Widely expressed.
Function	function:This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport., similarity:Belongs to the cytochrome c oxidase VIII family.,
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 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. [provided by RefSeq, Jul 2008],

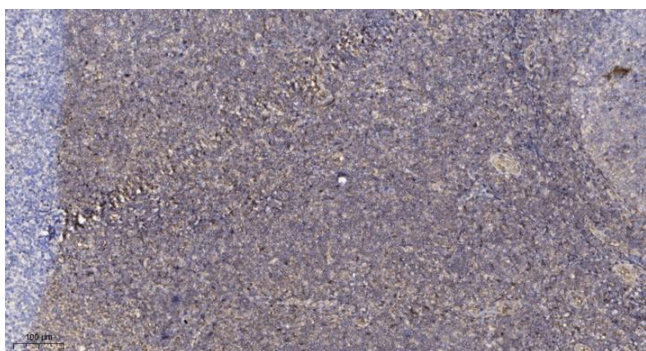
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).