Datasheet for ABIN6260986

anti-COX19 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	COX19
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX19 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC), Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human COX19, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	COX19 Antibody detects endogenous levels of total COX19.
Predicted Reactivity:	Pig,Bovine,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	COX19

Target Details

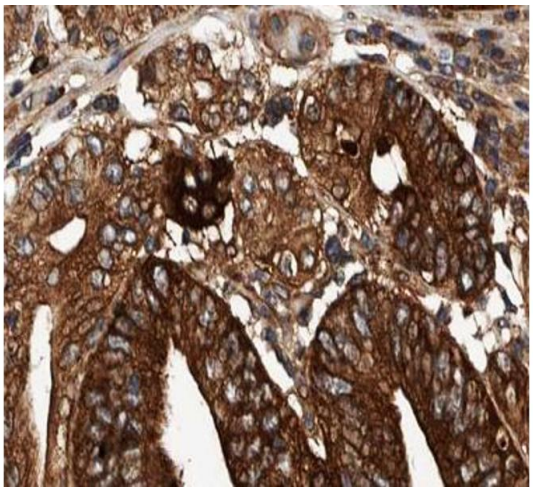
Alternative Name:	COX19 (COX19 Products)
Background:	Description: Required for the transduction of an SCO1-dependent redox signal from the mitochondrion to ATP7A to regulate cellular copper homeostasis (PubMed:23345593). May be required for the assembly of mitochondrial cytochrome c oxidase (By similarity). Gene: COX19
Molecular Weight:	10kDa
Gene ID:	90639
UniProt:	Q49B96

Application Details

Application Notes:	IHC 1:50-1:200, IF/ICC 1:100-1:500, WB 1:500-1:2000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunohistochemistry

Image 1. ABIN6266876 at 1/100 staining human Stomach cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

