

COX19 rabbit pAb

Cat No.:ES7946

For research use only

Overview

Product Name	COX19 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA:
	1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized
	peptide derived from human COX19. AA
	range:10-59
Specificity	COX19 Polyclonal Antibody detects endogenous
	levels of COX19 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cytochrome c oxidase assembly protein COX19
Gene Name	COX19
Cellular localization	Cytoplasm, cytosol . Mitochondrion intermembrane
	space . Mitochondrion . Partitions between
	mitochondria and the cytosol in a
	copper-dependent manner. Enriched in the cytosol
	when intracellular copper concentrations are
	elevated
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	90639
Human Swiss-Prot Number	Q49B96
Alternative Names	COX19; Cytochrome c oxidase assembly protein
	COX19; hCOX19
Background	COX19 encodes a cytochrome c oxidase
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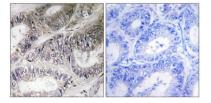
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(COX)-assembly protein. The S. cerevisiae Cox19 protein may play a role in metal transport to the mitochondrial intermembrane space and assembly of complex IV of the mitochondrial respiratory chain (Sacconi et al., 2005 [PubMed 16212937]).[supplied by OMIM, Mar 2008],

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using COX19 Antibody. The picture on the right is blocked with the synthesized peptide.





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