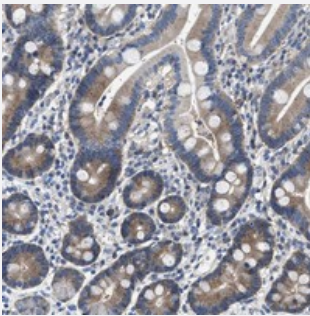


COX19 polyclonal antibody

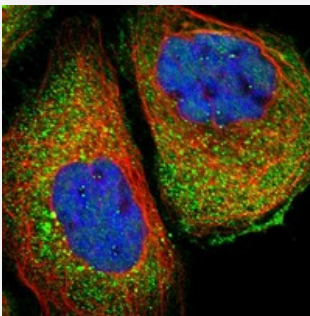
Catalog # PAB21370 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human duodenum with COX19 polyclonal antibody (Cat # PAB21370) shows moderate cytoplasmic positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with COX19 polyclonal antibody (Cat # PAB21370) at 1-4 ug/mL dilution shows positivity in cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant COX19.
Immunogen	Recombinant protein corresponding to amino acids of human COX19.
Sequence	NFGTKSFQPRPPDKGSFPLDHLGECKSFKEKFMKCLHNNNFENALCRKESKEYLECRMERKLM LQEPLEKLGFGD
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human duodenum with COX19 polyclonal antibody (Cat # PAB21370) shows moderate cytoplasmic positivity in glandular cells.

- Immunofluorescence

Immunofluorescent staining of human cell line A-431 with COX19 polyclonal antibody (Cat # PAB21370) at 1-4 ug/mL dilution shows positivity in cytoplasm.

Gene Info — COX19

Entrez GeneID	90639
Protein Accession#	Q49B96
Gene Name	COX19
Gene Alias	MGC104475
Gene Description	COX19 cytochrome c oxidase assembly homolog (S. cerevisiae)
Omim ID	610429
Gene Ontology	Hyperlink
Gene Summary	COX19 encodes a cytochrome c oxidase (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]

Other DesignationsCOX19 cytochrome c oxidase assembly homolog
