

COX41 Antibody

Catalog No: #34222

Package Size: #34222-1 50ul #34222-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

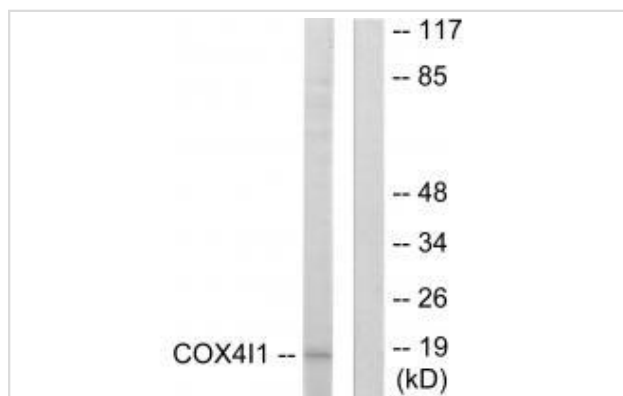
Product Name	COX41 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total COX41 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human COX41.
Target Name	COX41
Other Names	COX IV-1; COX4; COXIV; EC 1.9.3.1; cytochrome c oxidase polypeptide IV
Accession No.	Swiss-Prot: P13073NCBI Gene ID: 1327
Uniprot	P13073
GeneID	1327;
SDS-PAGE MW	17kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

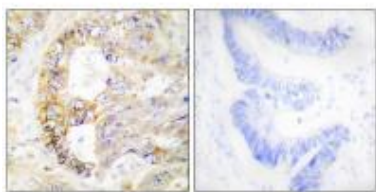
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from A549 cells, using COX41 antibody #34222.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using COX41 antibody #34222.

Background

This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.

Lomax M.I., Gene 86:209-216(1990).

Bachman N.J., Mamm. Genome 10:506-512(1999).

van Kuilenburg A.B.P., chim. Biophys. Acta 1119:218-224(1992).

Note: This product is for in vitro research use only