

COX42 Antibody

Catalog No: #34223

Package Size: #34223-1 50ul #34223-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

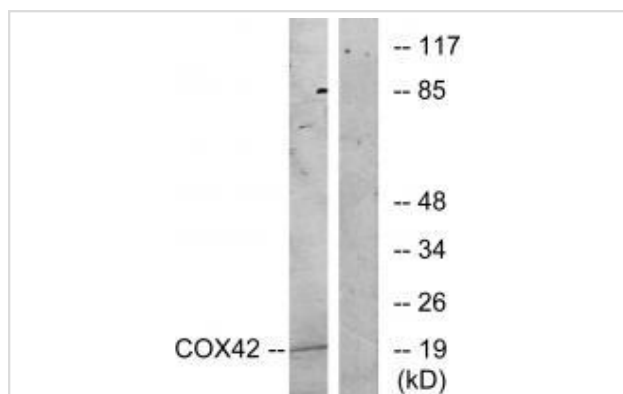
Product Name	COX42 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total COX42 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human COX42.
Target Name	COX42
Other Names	Cytochrome c oxidase subunit 4 isoform 2; mitochondrial [Precursor]; EC 1.9.3.1; Cytochrome c oxidase subunit IV isoform 2; COX IV-2
Accession No.	Swiss-Prot: Q96KJ9NCBI Gene ID: 84701
Uniprot	Q96KJ9
GeneID	84701;
SDS-PAGE MW	20kd
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

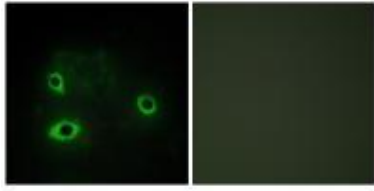
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from K562 cells, treated with insulin (0.01U/ml, 15mins), using COX42 antibody #34223.

Immunofluorescence analysis of COS7 cells, using COX42 antibody #34223.



Background

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

Huettemann M., Gene 267:111-123(2001).

Deloukas P., Nature 414:865-871(2001).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only