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COX42 Antibody [#C12236]

Catalog Number: C12236

Concentration: 1mg/ml

Swiss-Prot No.: Q96KJ9

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, COX4L2, COX42

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized peptide derived from internal of human COX42.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity: COX42 antibody detects endogenous levels of total COX42 protein.

Reactivity: Human, Mouse, Rat

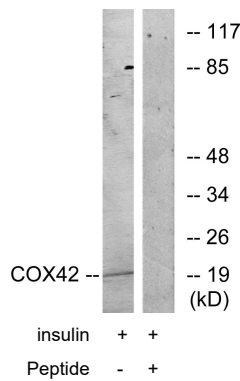
Applications: WB: 1:500~1:3000 IF: 1:100~1:500
ELISA: 1:10000

References:

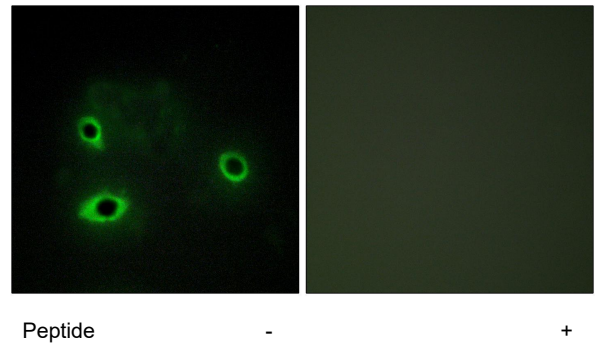
Huettemann M., Gene 267:111-123(2001).

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

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



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



Immunofluorescence analysis of COS7 cells, using COX42 antibody.