

Product datasheet for **TA348031**

COX4 (COX4I1) Rabbit Polyclonal Antibody

Product data:

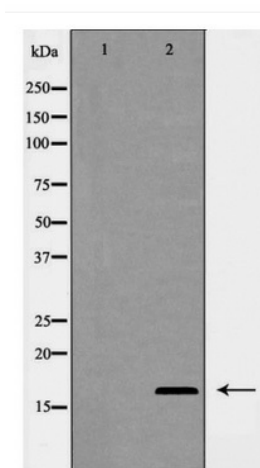
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-COX IV antibody: A synthesized peptide derived from human COX IV
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 ?.Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17 kDa
Gene Name:	cytochrome c oxidase subunit 4I1
Database Link:	NP_001852 Entrez Gene 12857 Mouse Entrez Gene 29445 Rat Entrez Gene 1327 Human P13073
Background:	This antibody makes an effective loading control for mitochondria. COX IV is generally expressed at a consistent high level. However, be aware that many proteins run at the same 16kD size as COX IV - our VDAC1 / Porin antibody makes a good alternative mitochondrial loading control for proteins of this size.
Synonyms:	COX4; COX4-1; COXIV; COX IV-1; COXIV-1
Note:	COX IV antibody detects endogenous levels of total COX IV
Protein Families:	Transmembrane



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Protein Pathways: Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images:



Western blot analysis of COX IV expression in Jurkat cells