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COX4 Polyclonal Antibody

Cat #: G-AB-12703

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
COX4I1,also named as COX4 and COXIV-1,belongs to the cytochrome c oxidase IV family. It is one of the nuclear-coded polypeptide chains of cytochrome c oxidase,the terminal oxidase in mitochondrial electron transport. COX4I1 is a marker for mitochondria. It has two isoforms (isoform 1 and 2). Isoform 1(COX4I1) is ubiquitously expressed and isoform 2 is highly expressed in lung tissues. COX4I1 is commonly used as a loading control. This antibody is specific to COX4I1 and do not cross reacts with COX4I2.

Gene ID: 1327

Accession #:

Immunogen: Synthetic peptide of Human Cytochrome c oxidase subunit 4 isoform 1, mitochondrial

Conjugation:

Swissprot: P13073

Calculated Molecular Weight: 19 kDa

Observed Molecular Weight: 19 kDa

Concentration: 1mg/mL

Buffer: PBS with 0.05% Proclin300, 50% glycerol, pH7.3.

Purification Method: Antigen Affinity Purification

Application: WB,IHC

Dilution: WB 1:5000-1:40000

Storage: Store at -20. Avoid freeze / thaw cycles.